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To Make Her Husband Happy

Weymouth Housewife Lives With 5,000 Butterflies

By VERA HILLMERT
Patriot Ledger Staff Writer

You often find out strange things about your husband after living with him a while. With Harry C. Belcher, it was butterflies.

For 10 years, Mrs. Belcher had lived with her husband without ever suspecting that someday she would have to keep 5,000 butterflies in the house to make him happy.

In Weymouth
The Belchers, who have butterflies from all parts of the world, including the Iron Curtain countries, now have what might well be the largest private collection in New England. The butterflies are mounted in frames which Mr. Belcher designed and built himself and are housed in the den of the Belcher home at 133 Hawthorne Street, East Weymouth.

"The whole thing was so sudden," said Mrs. Belcher, who used to have just two prosaic hobbies, sewing and cooking. "I never even knew my husband liked butterflies." Certainly, Mr. Belcher's job would never have led her to suspect a latent fondness for lepidoptera. He is not in any of the branches of natural science; by profession, he repairs washing machines and television sets.

"For 10 years, I had nothing going," said Mrs. Belcher, who was wearing a dark, hand-painted necktie swarming with colorful butterflies. "But it was like an inactive volcano...."

Then suddenly, in July, 1942, Mr. Belcher's "volcano" erupted. "There were two reasons, I guess," the pleasant Weymouth man said. "First of all, I was working in Boston then and, what with the job and all that commuting, I was seeking a diversion. Then, my eldest son caught two butterflies. When I showed him how to preserve them, I re-discovered how much I enjoyed a hobby of that sort. I used to have a great interest in natural sciences as a young boy," he explained.

When he first proposed the idea of collecting butterflies, his wife voiced strong—but futile—opposition. Why should a wife object to such a wholesome and, maybe best of all, time-consuming pastime for her husband? Both Belchers offered an answer.

"Bugs and women don't mix," Mrs. Belcher replied tersely. (He has since modified his opinion.)

Mrs. Belcher gave a more complex reason, fraught with sociological significance. "There is a certain amount of eccentricity that goes with butterfly collecting," she said with a smile. "You know, the odd, little fellow with the net...."

This feeling persisted even after Mrs. Belcher became, to her amazement, a definite "aficionada" of butterfly hunting.

Her husband told her early on: "She'd say you carry my net until we get past the neighborhood!"

Asked how she suddenly became interested, Mrs. Belcher pointed to her husband and their three sons: "Well, as four against one—they all wanted to collect butterflies. So I simply decided if I couldn't find them, I'd join them."

Perils Of The Hunt

You might think that hunting butterflies out in the country, in all that fresh air, would be a very healthful way to spend an afternoon. But there are perils in this seemingly safe sport, Mrs. Belcher soon discovered.

"One day, she swung her net into a hornet's nest," Mr. Belcher said, unsympathetically. "After, we found that he had a right to this attitude. He was the one who got stung during this episode—not she." "Well, she got frightened and left her net there! Inside, there was a beautiful butterfly which she had caught and which I particularly wanted."

Mrs. Belcher was shaking her head. "So, do you know what he did? He went back there to get it! First he wanted me to go back for it—with all those hornets buzzing around!—and when, of course, I refused, he went back for it himself."

Asked if he had been badly stung, Mr. Belcher said: "I've been stung so often now that I hardly notice it!" Then he added, his eyes fixed on a huge tarantula on the table in the den, "Nothing bothers me—except snakes."

There were actually three giant tarantulas near the entrance of this highly unusual room. Mr. Belcher saw us staring at them, shuddering, and said: "Those are just odds and ends. I don't collect spiders but I got those from South America and so put them on display. They won't hurt you, they're dead. Just about everything is dead except for a couple of cocoons."

Looking at the breathtakingly beautiful butterflies—iridescent aqua ones, two-toned ones in brown and yellow, delicate greens, subtle monochromes, bright orange ones—we wondered if it ever bothered the kindly Belchers to kill them. Mrs. Belcher shook her head. "They only live a few days anyway," she said. Her husband, who is

impressively well-informed in many branches of natural science, corrected her: "Actually, their life span varies from a few days to about six months." His wife continued: "And after we preserve and mount them, they stay beautiful."

There is one thing about the butterflies, however, that does worry this pleasant mother of three boys. "I worry that I'll get the dust off the butterflies by touching them," she said. This seemed a definite switch for a housewife, who, after all, spends such a large part of her life removing dust from things. But butterflies are different; with them, the dust is absolutely essential. "That's their color," Mrs. Belcher explained. "And if the color rubs off, my husband will yell—especially if it's a rare butterfly that he is sending somewhere."

"If she breaks a wing, she's done," Mr. Belcher added unequivocally.

Preserving butterflies is a difficult science but it is one which Mrs. Belcher has now mastered completely. The slim, youthful woman with a quiet but obvious enthusiasm has always been good with her hands. She had been a professional seamstress before her marriage and she now enjoys sewing as a hobby. As a matter of fact, her sewing machine is at present a bone of contention between the Belchers.

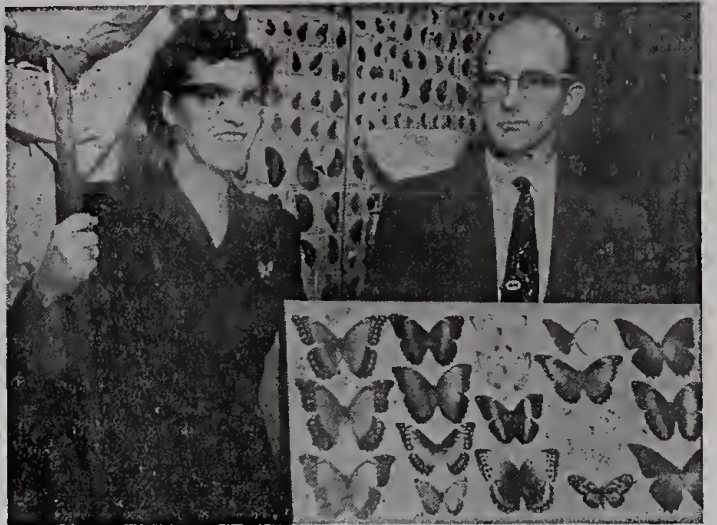
It Must Stay!

"Look at this den," Mrs. Belcher said, pointing to the butterflies everywhere. "I'm sorry about one thing—my couch. I had a nice couch here in the den but it had to go to make room for the collection. Now my husband is talking about moving out my sewing machine. But that's going to stay," she said adamantly. Then she added, looking beseeching at her butterfly-crazy husband: "The boys have to have clothes... I make their shirts for them...."

Mrs. Belcher must be one of the few women in the entire world to do her sewing in the same room with some 5,000 butterflies—not to mention moths, tarantulas, beetles, bees, wasps, cocoons, grasshoppers and caterpillars.

In this day of specialization, all of the young Belchers have their own particular collections. Fourteen-year-old David, the one who started the whole thing by catching the two butterflies back in 1952, is a coleoptera specialist. The middle son, 12-year-old Alan, is a hymenoptera specialist. And the youngest of the collecting trio, 10-year-old Bruce, is a orthoptera specialist. Their parents, of course, handle the lepidoptera.

What are these things? Translated into English, the boys' collecting specialties are as follows: David collects beetles;



BELCHERS AND BUTTERFLIES—Mr. and Mrs. Harry C. Belcher of 133 Hawthorne Street, East Weymouth, have collected some 5,000 butterflies—what is believed to be the largest private collection in New England. Mrs. Belcher, who is wearing a rhinestone butterfly pin, holds a net that her husband made. Mr. Belcher is wearing a tie with butterflies handpainted on it. Shown in the picture is one of the Belchers' frames of butterflies. The talented Weymouth man designed and built the frames himself, making it as nearly as possible hermetically sealed. "In collecting, there are two enemies of butterflies—light and a small insect pest," he explained. "The light fades the butterflies and the small insects eat them. This is why the frames are sealed so carefully and why there are moth crystals inside the frames with the butterflies." (We have one big regret about these photographs: that they are not in color.)

Alan, bees and wasps ("these I don't like," Mrs. Belcher said), and Bruce, grasshoppers and katydids. Bruce has a second job: he has charge of the caterpillars. Not one of the three, incidentally, is happily contemplating a lifetime of such endeavors. David is undecided what he will do professionally; Alan wants to be an auto mechanic, and Bruce, an engineer.

Mr. Belcher collects moths as well as butterflies. Moths are more difficult to find because they fly in the dark, and so the enterprising Belchers make their own. "Bruce goes into the woods after the first frost and starts getting cocoons," Mrs. Belcher explained. "We keep them here all winter and hatch them out in the spring. Last year, we had at least 100. And let me tell you, it's a startling thing to come down in the kitchen in the morning and see a great big moth sitting there." How big? "Well the cocoon is six inches wide," she said. "You forget that the cocoon is there and when the moth appears, it's

quite a surprise—especially early in the morning when you're still half-asleep."

You can get your moths ready-made but this doesn't appeal to the Belchers, who are "do-it-yourself-ers" when it comes to everything from making their clothes to remodeling their house. (Mr. Belcher's next project is enlarging the living room and putting in a new stairway from the first floor to the second.) And, besides, getting moths full-grown can really make you conspicuous in the neighborhood, Mrs. Belcher has discovered.

"We had a light trap for the moths on a tree near our house one night," she related. "This is a fluorescent light to attract moths. Well, the neighbors got scared of the strange light shining there in the middle of the night, and they called the police."

By Trade

How does Mr. Belcher get his butterflies from all over the world? Mostly, by trade. He showed us a large manila en-

velope crammed full with correspondence from fellow members of a world-wide lepidopterists' society. He has swapped butterflies with a college professor in Japan, a biologist in the Belgian Congo, a teacher in Brazil, missionaries in India and Africa, an owner of a rubber plantation in Sumatra....

The Weymouth collection contains the male and female of each species that Mr. Belcher has been able to get from all the different parts of the world. "Don't misunderstand," he quickly pointed out. "I don't have a complete collection, by any means! I have about 5,000 butterflies and there are about 250,000 known to exist." His collection, however, may well be the largest private one in all of New England. "Many collectors specialize," he explained, "but I collect all types of butterflies from all over the world."

Mr. Belcher then smiled and said: "You know, perhaps the strangest thing of all about this butterfly collecting is the way it has affected my wife. She's now butterfly crazy! She sews dresses, skirts and blouses out of material printed with butterflies; she wears pins and earrings shaped like butterflies; she has a handkerchief with butterflies; she has handkerchiefs with butterfly motifs."

"That's not all," Mrs. Belcher said. "I've even bought myself stockings in New York with a butterfly embroidered on the heel. I have butterfly decals in the kitchen, butterfly towels in the bathroom, and patchwork quilts with butterflies in the boys' bedroom. Right now, I have my eye on a knitting bag trimmed with butterflies, but my husband doesn't know about that yet!"

Perhaps the most unusual butterfly-decorated object in the house is the coffee table in the living room. Underneath its glass top, there are the wings of hundreds of real butterflies, all arranged according to color in various geometric patterns.

"My husband put it together on a rainy Sunday afternoon last winter," Mrs. Belcher said, pointing to the strange mosaic. "He didn't know what to do with himself and that kept him busy for hours and hours."



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EVERYONE COLLECTS SOMETHING—While Mr. and Mrs. Belcher are busy amassing lepidoptera, their three sons are collecting coleoptera, hymenoptera and orthoptera. David, who is 14, is the coleoptera—or beetles—specialist. The middle son, Alan, 12, is the hymenoptera—or bees and wasps—specialist. And the youngest, Bruce, 10, is the orthoptera—or grasshoppers and katydids—specialist. David is shown on the left with his prized beetles from the Amazon River region. Beetles, incidentally, often come in colors as beautiful and bright as those of butterflies—iridescent, jewel-like greens, blues, and a



plained that the beetles from the tropics are so brightly hued as a protective camouflage in the luxuriant vegetation. Not only does it come as a surprise that beetles can be so brilliantly colored but it also is surprising that they are so large. The biggest in bulk, called Goliath, weighs almost one pound. In the photograph on the right, the two younger boys, Alan (left) and Bruce, show a tray of grasshoppers and similar insects. Alan is pointing to a giant grasshopper from Colombia, South America. Bruce is holding a cocoon of a walking stick from India.

(Photos by Omil J. Charpentier)

D E D I C A T I O N

I wish to dedicate this collection to my patient wife, Jennie; my three sons, David, Alan, & Bruce, who all shared in the many field trips and the countless hours of painstaking preparation of these specimens.

It is hoped that for many years, students and visitors to the Tufts Library, will be able to derive some benefits from viewing and studying these specimens.

Harry C Belcher

Harry C. Belcher

July 1971



HOW TO USE THIS MASTER INDEX

Before attempting to locate any given specimen of Lepidoptera, it must be pointed out that it is necessary to know the GENUS and species of what you are seeking. For the more common forms, a Common name is cross-filed in the 3x5 cards to give you a quick reference to Genus. However, the use of "Monarch", Cabbage & Tiger are acceptable only for the very young and become a source of confusion for the serious student whereas only the species can pin down the exact insect you desire.

Example: Kingdom (Phylum) Animal
 SubKingdom Arthropoda
 Class Insecta
 Order Lepidoptera
 Sub-Order (Rhopalocera (Butterflies)
 (Heterocera (Moths)
 Family Danaidae
* Genus Danaus
* Species plexippus
 (Sub-Species & varieties or forms of species follow in order)

* Thus: The Monarch Butterfly, known also as the "Milkweed" Butterfly is properly identified by Danaus plexippus and can be found under D. in the 3x5 files.

1. IF YOU KNOW THE GENUS but not the Species, go to the Alphabetical 3x5 card file and pick out card wanted. Copy information relating to Frame. or refer directly to the "GENUS MASTER INDEX in this book. This will tell you the Frame its in. Then look at MASTER **FAMILY** INDEX and it'll tell what Drawer its in. Once you have located the right frame, then turn to the MASTER SPECIES INDEX under your frame number. this will name your specimen and pinpoint it under the glass.
2. If you wish to browse thru the collection and become curious as to the name of any given specimen, work in reverse, simply:
 - a. Take the frame # and refer directly to the Master Species Index
 - b. For more details on its origin (country) etc look it up in the 3x5 under the name given on the Species Index.
3. If you have nothing to go on (specific names) it is best to go to the Librarian and refer to one of many good reference books on the Lepidoptera. (see Bibliography) Author's note: Klot's "Field Guide to Butterflies" is excellent for beginner and serious student.

Scattered throughout the collection are a few specimens that the author has not been able to identify because of the lack of availability of an authoritative text dealing with certain specific tropical species. If some one can do so, at some future date, it will be appreciated.

HCB

Cross-Reference of Drawer to Frame Numbers

<u>Drawer No.</u>	<u>Frames</u>
1	10- 125 - 126- 127- 135
2	99- 130- 131- 132- 134-
3.	5- 17- 19- 79- 81-
4.	33- 35- 36- 37- 38-
5.	20- 22- 23- 24- 41-
6.	34- 43- 53- 62- 77-
7.	50- 58- 66- 67- 74-
8.	52- 56- 59- 60- 61-
9.	44- 48- 51- 55- 75-
10.	49H- 49-0- 111- 120-
11.	85- 86- 117- 119-
12.	26- 31- 32- 63- 72
13.	16- 18- 21- 27- 57
14.	28- 69- 90- 92- 100-
15.	6- 7- 8- 91- 97-
16.	49B- 49C- 115- 121-
17.	49S- 49T- 110- 123-
18.	49G- 49L- 102- 109-
19.	49M- 49R- 113- 118-
20.	49K- 103- 116- 133-
21	11- 12- 9- 39- 40-
22-23-24	Misc Insecta
25	49D- 49E- 112- 114-
26	49A- 49F- 108- 122-
27	104- 105-
28	29- 30- 83- 87- 136-
29	13- 42- 64- 65- 73-
30	68- 70- 71- 76- 98-
31	1- 2- 3- 4- 54-
32	14- 15- 25- 45- 47-
33	96- 106- 107- 124- 128- 129-
34	46- 82- 84- 88- 101-
35	78- 89- 93- 94- 95-
36	80- + Dead leaves; Walking Sticks & Dragon flies

(No. of Drawer -location of each frame - after each description)

Frame #	Contents	Drawer	Frame #	Contents	Drawer
1	Misc. Heterocera	<u>31</u>	51	Papilionidae	<u>9</u>
2	Misc. Heterocera	<u>31</u>	52	Papilionidae	<u>8</u>
3	Misc. Heterocera	<u>31</u>	53	Morphidae	<u>6</u>
4	Hesperoidae	<u>31</u>	54	Misc. Local Heterocera	<u>31</u>
5	Lycaenidae	<u>3</u>	55	Papilionidae	<u>9</u>
6	Nymphalidae	<u>15</u>	56	Papilionidae	<u>8</u>
7	Satyridae	<u>15</u>	57	Papilionidae	<u>13</u>
8	Pieridae	<u>15</u>	58	Papilionidae	<u>7</u>
9	Pieridae	<u>21</u>	59	Papilionidae	<u>8</u>
10	Nymphalidae	<u>1</u>	60	Papilionidae	<u>8</u>
11	Nymphalidae	<u>21</u>	61	Papilionidae	<u>8</u>
12	Nymphalidae-Brassolidae		62	Nymphalidae (Cethosia)	<u>6</u>
	& Libytheidae	<u>21</u>	63	Nymphalidae-Danaidae	<u>12</u>
13	Nymphalidae	<u>29</u>	64	Danaidae (Hestia)	<u>29</u>
14	Noctuidae	<u>32</u>	65	Satyridae (Tenaris)	<u>29</u>
15	Noctuidae-Sphingidae		66	Nymphalidae (Euthalia)	<u>7</u>
	& Ceratocampidae	<u>32</u>	67	Indo-Aust. Misc. Rhopalocera	<u>7</u>
16	Danaidae & Actinotidae	<u>13</u>	68	Indo-Aust. Misc. Rhopalocera	<u>30</u>
17	Heliconidae	<u>3</u>	69	Indo-Aust. Misc. Rhopalocera	<u>14</u>
18	Nymphalidae	<u>13</u>	70	Indo-Aust. Misc. Rhopalocera	<u>30</u>
19	Pieridae	<u>3</u>	71	Lycaenidae	<u>30</u>
20	Charaxidae - Nymphalidae		72	Lycaenidae	<u>12</u>
	& Brassolidae	<u>5</u>	73	Papilionidae	<u>29</u>
21	Satyridae	<u>13</u>	74	Papilionidae	<u>7</u>
22	Danaidae - Nymphalidae	<u>5</u>	75	Papilionidae	<u>9</u>
23	Nymphalidae	<u>5</u>	76	Papilionidae	<u>30</u>
24	Morphidae-Nymphalidae		77	Papilionidae	<u>6</u>
	& Brassolidae	<u>5</u>	78	Saturnidae	<u>35</u>
25	Sphingidae	<u>32</u>	79	Nymphalidae (Euploea)	<u>3</u>
26	Papilionidae	<u>12</u>	80	Nymphalidae (Kallima)	<u>36</u>
27	Papilionidae	<u>13</u>	81	Nymphalidae (Indo-Aust.)	<u>3</u>
28	Papilionidae	<u>14</u>	82	Indo-Aust. Misc. Heterocera	<u>34</u>
29	Saturnidae	<u>28</u>	83	Indo-Aust. Misc. Heterocera	<u>28</u>
30	Uranidae-Saturnidae	<u>28</u>	84	Indo-Aust. Saturnidae	<u>34</u>
31	Papilionidae	<u>12</u>	85	Saturnidae - large	<u>11</u>
32	Papilionidae	<u>12</u>	86	Saturnidae - large	<u>11</u>
33	Papilionidae	<u>4</u>	87	Saturnidae -Sphingidae	<u>28</u>
34	Papilionidae	<u>6</u>	88	Sphingidae	<u>34</u>
35	Papilionidae	<u>4</u>	89	Sphingidae - Hesperoidae	<u>35</u>
36	Papilionidae	<u>4</u>	90	Nymphalidae	<u>14</u>
37	Papilionidae	<u>4</u>	91	Nymphalidae	<u>15</u>
38	Papilionidae	<u>4</u>	92	Satyridae -Nymphalidae	<u>14</u>
39	Papilionidae	<u>21</u>	93	Satyridae - Indo-Aust.	<u>35</u>
40	Pieridae & Nymphalidae	<u>21</u>	94	Satyridae -Nymphalidae	<u>35</u>
41	Morphidae	<u>5</u>	95	Satyridae - Nymphalidae	<u>35</u>
42	Morphidae & Nymphalidae	<u>29</u>	96	Pieridae	<u>33</u>
43	Brassolidae & Morphidae	<u>6</u>	97	Pieridae - Indo-Aust.	<u>15</u>
44	Papilionidae	<u>9</u>	98	Nymphalidae - South Amer.	<u>30</u>
45	Saturnidae-Noctuidae	<u>32</u>	99	Nymphalidae - South Amer.	<u>2</u>
46	Saturnidae -Ceratocampidae	<u>34</u>	100	Nymphalidae-Satyridae	<u>14</u>
47	Sphingidae	<u>32</u>			
48	Papilionidae	<u>9</u>	49A	-26	
49	Saturnidae-Papilionidae		49B	-16	
50	Pieridae - Nymphalidae	<u>7</u>	49C	-16	
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			49E	-25	
			49F	-26	
			49G	-18	
			49H	-10	
			49K	-20	
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* NOTE: The use of Asterisk * before some names means they were additions to the original list and are not in alphabetical order.

M A S T E R S P E C I E S

I N D E X

Each of the 136 Frames are listed on individual pages in this section.

To identify any specimen within a frame, simply count left to right in rows.

Then, count top to bottom, vertically.

Abbreviations

m.	----	male specimen ♂
fem/or/f.	----	female specimen ♀
v.	----	variety or local subspecies
f:	----	when "F" is followed by colon, it means a local form of a species such as a dry or wet season form or a dimorphic color form etc.

A M A S T E R I N D E X
F O R
T H E I D E N T I F I C A T I O N
O F
L E P I D O P T E R A

Frames #1 - #136 incl.

Row 1

1632 *Oncocnemis iricolor*
 1616 *Jaspidea lepidula*
 1622 *Eugonobapta nivosaria*
 1613 *Hydriomena latirupta*
 1624 *Chlorochlamys zell*
 1615 *Polygrammata hebraicum*
 1607 *Schinia trifascia*
 1635 *Tephroclystis absinthiata*
 1634 *Holomelina opella* var.
 46 *Sciagrapha heliothidata*

Row 2

1612 *Anavitrinella pampinaria* ♂
 1614 *Eudule mendica* ♂
 1626 *Plagiomimicus pityochromus*
 1606 *Plusiodonta compressipalpis*
 1625 *Rhodophora gaurae*
 1610 *Hemerocampa vetusta*
 1636
 1605 *Paectes abrostoloides*
 1604 *Pleonectyptera pyralis*
 1631 *Synanthedon rileyana*

Row 3

843 *Synanthedon acerni*
 909 *Metanema determinata*
 615 *Pernoptilota fluviata*
 163 *Lithacodia bellicula*
 59 *Rivula propinqualis*
 1017 *Pyrausta ochosalis*
 614 *Palthis angulalis*
 77 *Physostegania pustularia*
 158 *Mesoleuca lacustrata*
 1301 *Pangrapta decoralis*
 61 *Eustrotia carneola*

Row 4

858 *Crambus turbatellus*
 83 *Acontia candefacta*
 809 *Heliomata cycladata*
 844 *Archips argyrospila*
 857 *Amynta octo*
 35 *Eustixia pupula*
 1382 *Euchoeca albiovittata*
 75 *Tarache erastrioides*
 594 *Anarta melanopa*
 838 *Eulia alisellana*
 840 *Cymatophora inceptaria*

Row 5

62 *Crambus trisectus*
 34 *Eustrotia apicosa*
 1295 *Ania limbata*
 613 *Tortricidia testacea*
 166 *Orthofidonia vestaliata*
 79 *Pyralis farinalis*
 1262 *Packardia geminata*
 80 *Crambus laqueatellus* var.
 66 *Pyrausta unifascialis*
 1431 *Carpocarpa saltitans*
 50 *Desmia funeralis*

Row 6

683 *Apantesis vittata* m.
 641 *Apantesis proxima*
 677 *Apantesis intermedia*
 58 *Apantesis radians* var.
 684 *Apantesis vittata* f.
 1745 *Apatela vinnula* f.
 1743 *Crambus laqueatellus*
 1742 *Platynota flavedama*
 1737 *Platysenta albipuncta*
 1744 *Nyctobia limitata*

Row 7

845 *Macaria glomeraria*
 546 *Parastichtis discivaria*
 855 *Hypsopygia costalis*
 64 *Cosymbia lumenaria*
 157 *Eucosma dorsisignatana*
 76 *Cindaphia bicoloralis*
 842 *Archips parallela*
 819 *Chlorochlamys chloroleucaria*
 841 *Herculia himonialis*
 591 *Acrobasis betulella*
 69 *Deilinea variolaria*

Row 8

605 *Epelis truncataria*
 848 *Paectes occulatrix*
 91 *Plusia aeroides*
 1296 *Chytonix palliatricula* ♀
 38 *Hypoprepia fucosa*
 821 *Hyperitis amicaria*
 847 *Synelys alabastaria*
 595 *Noctua plecta* ?
 39 *Haemotopis grataria*
 88 *Eustroma diversilineata*
 67 *Epizeuxis lubricalis*

Row 9

1021 *Eucymatoge intestinata*
 123 *Philobia enotata* f.
 82 *Holomelina brevicornis*
 672 *Neumoegenia poetica*
 1280 *Eufidonia notataria*
 298 *Ephestia cautella*
 1221 *Synchlora aerata*
 47 *Sciagrapha granitata*
 1736 *Balsa malana*
 820 *Alypia octomaculata*
 54 *Pyrausta pertextalis*

Row 10

851 *Euclea delphinii* v. *paenulata*
 850 *Euclea delphinii* v. *viridiclava*
 1281 *Euclea delphinii*
 1292 *Sicya macularia*
 103 *Euplexia lucipara*
 160 *Syssaura infensata* var.
 71 *Metanema quercivoraria*
 606 *Rhodophora florida*
 597 *Tolyte velleda*
 839 *Marasmalus inficita*
 1270 *Euherrichia mollissima*

Row 1

1627 *Melipotis jucunda*
 1276 *Melipotis limbolaris*
 1628 *Cerastis fungorum*
 1297 *Cymatophora successaria*
 814 *Chytolita morbidalis*
 1274 *Oreta rosea*
 1264 *Polychrysis formosa*
 1623 *Phaeocyma lunifera*
 1619 *Gypsochroa sitellata*
 1621 *Caradrina multifera*

Row 2

73 *Euchlaena pectinaria*
 1611 *Philereme californiata*
 1739 *Orthodes crenulata*
 1620 *Ipimorpha pleonectusa*
 1638 *Scolecocampa liburna*
 1609 *Anacamptodes defectaria*
 116 *Nonagria subflava*
 94 *Renia discoloralis*
 44 *Phiprosopus callitrichoides* m.
 852 *Microcoelia diphtheroides*
 1740 *Bomolochia baltimoralis*

Row 3

1629 *Euchlaena effectaria*
 671 *Eucaterva variaria*
 108 *Tricholita signata*
 810 *Hypena humulii* var.
 823 *Gonodontis hypocharia* ♂
 589 *Gonodontis duaria*
 609 *Gonodontis obfirmaria* ♂
 102 *Therina endropiaria*
 813 *Therina fiscellaria*
 812 *Pherne jubararia*

Row 4

647 *Utetheisa bella* m.
 1113 *Utetheisa bella* f.
 984 *Utetheisa ornatrix*
 853 *Zanclognatha ochreipennis*
 53 *Ogdoconta cinereola*
 164 *Bomolocha deceptalis*
 610 *Drepana genicula*
 911 *Ectropis cæpescularia*
 691 *Melanolophia canadaria*
 600 *Pantographa limata*
 1354 *Copidryas cosyra*

Row 5

72 *Tetracis crocallata* ♀
 817 *Paraphia subatomaria*
 115 *Chloridea virescens*
 45 *Eustroma diversilineata*
 131 *Xanthotype sospeta*
 150 *Cingilia catenaria*
 1272 *Xanthotype crocataria*
 1283 *Caberodes majoraria*
 120 *Caberodes confusaria*
 127 *Heliophila multilinea*

Row 6

588 *Sabulodes lorata* ♂
 96 *Sabulodes transversata*
 1271 *Euchlaena obtusaria*
 1278 *Euchlaena amoenaria*
 849 *Euchlaena serrata*
 124 *Calpe canadensis*
 907 *Schizura unicornis*
 529 *Euclidia cuspidata* ♂
 1019 *Scepsis fulvirollis*

Row 7

596 *Zale horrida*
 738 *Triphosa progressata* f.
 144 *Triphosa progressata* m.
 1268 *Estigmene congrua*
 89 *Azelina ancetaria* ♀
 86 *Caenurgina crassiuscula*
 87 *Parallelia bistriaris*
 167 *Erannis tiliaria*
 1692 *Caenurgina erechtea* m.

Row 8

818 *Jaspidea teratophora*
 673 *Euthisanatia brevipennis*
 65 *Schinia nundina*
 55 *Schinia arcifera*
 81 *Schinia brevis*
 37 *Schinia marginata*
 837 *Chamyris cerintha* ♂
 110 *Diacrisia virginica*
 100 *Papaipema nitela*
 1263 *Hyperaeschra georgica*
 113 *Arsilonche albovenosa*

Row 9

1018 *Erastria amaturaria*
 159 *Epizeuxis denticulalis*
 598 *Malacosoma americana* f.
 860 *Malacosoma americana* m.
 856 *Malacosoma disstria*
 1016 *Achatodes zeoe*
 153 *Eucirroedia pampina*
 1277 *Habrosyne scripta*
 105 *Harpyia cinerea* f.
 1298 *Melalopha albosigma*

Row 1

1608 Euxoa olivalis
941 Euxoa obeliscoides
51 Euxoa messoria
114 Euxoa perpolita
1302 Euxoa basalis
151 Laphygma frugiperda
70 Feltia subgothica
125 Feltia herilis
1273 Heterocampa biundata
90 Heterocampa obliqua
~~1261 Desmophila thyatiroides~~

Row 2

1618 Heliothis scutosa
1266 Panthea furcilla
128 Orthosia helva ♂
63 Glaea viatica
599 Glaea sericea
607 Nerice bidentata
152 Prodenia ornithogalli
101 Gortyna nictitans var. f.
117 Porosagrotis vetusta
1348 Noropsis hieroglyphica
74 Hyppa xylinoides ♀

Row 3

1598 Datana ministra
947 Datana perspicua
608 Notodonta basitriens
98 Helotropha reniformis
112 Crocigrapta normani
1101 Rhynchagrotis alternata
1294 Olene achatina
97 Actinotia ramosula
611 Schizura ipomoea v. cinerofrons
592 Ypsia undularis
1738 Oligia fuscimacula

Row 4

1597 Mamestra rosea
57 Heliophila unipuncta
93 Heliophila pseudargyria
936 Liparis dispar m.
565 Ianassa lignicolor
912 Panapoda rufimargo var.
935 Euproctis chrysorrhoea m.
1279 Charadra deridens
60 Caripeta angustiorata
78 Caripeta divisata

Row 5

1599 Apatela oblinata
1015 Apatela impleta
816 Apatela vinnula m.
1265 Mamestra grandis ♂
1022 Mamestra rugosa
1269 Mamestra lubens
854 Mamestra lustralis
121 Mamestra trifolii

Row 5 (continued)

68 Mamestra purpurissata
129 Mamestra adjuncta
1267 Mamestra imbrifera

Row 6

1617 Haploa militaris
942 Scoliopteryx libatrix
106 Homoptera lunata v. edusa
145 Homoptera unilineata
603 Pheosia dimidiata
590 Halisidota tessalaris
1458 Brotholomis iris
107 Trigonophora periculosa
593 Lophodonta ferruginea f.
56 Pseudothyatira cymatophoroides

Row 7

846 Metrocampa praegrandaria f.
859 Diacrisia vagans
333 Estigmene acraea f.
346 Estigmene acraea m.
1275 Symmerista albifrons
225 Arachnis picta
146 Agrotis badinodis
602 Plusia balluca
612 Autographa ampla m.
109 Nadata gibbosa

Row 8

122 Autographa ~~negatensis~~ *Brassicae*
815 Autographa biloba
111 Autographa simplex
438 Hadenia nigrior
161 Noctua c-nigrum f.
154 Hadenia mactata
92 Noctua phyllophora
104 Hadenia basilinea
52 Noctua lubricans
119 Noctua normaniana
99 Noctua bicarnea
1293 Hadenia vultuosa

Row 9

25 Hadenia dubitans
165 Macronoctua onusta
155 Agrotis ypsilon
601 Adelphagrotis prasina
1299 Noctua haruspica
118 Peridroma saucia
905 Hadenia arctica ♀
12 Pyrophila pyramidoides
95 Liparis dispar f.
1300 Peridroma occulta

Frame 4 (read vertically)

Row 1

512 Erynnis propretius m.
508 Erynnis icelus
533 Erynnis horatius
527 Erynnis funeralis
24 Erynnis lucilius
530 Erynnis martialis
525 Erynnis persius
536 Erynnis juvenalis
505 Erynnis brizo

Row 2

534 Polites mystic m.
554 Polites peckius m.
502 Polites verna m.
551 Polites themistocles f.
535 Polites sonora
516 Polites vibex f.
524 Lebes accius
40 Thymelicus aetna
515 Hylephila phyleus m.
528 Oligoria maculata

Row 3

42 Epargyreus clarus
511 Autochton cellus
504 Calpodus ethlius
1155 Nascus coracina
1071 Antigonus nearchus
517 Polygonus lividus v. savigny
521 Achlyodes thraso v. tamenund

Row 4

560 Phocides batabano
506 Urbanus simplicius f.
526 Urbanus proteus
541 Chioides albofasciatus f.
1037 Pyrrhopyge charybdis

Row 5

514 Heliopetes laviana m.
518 Heliopetes laviana f.
499 Achalarus lysciades
513 Thorybes pylades
523 Thorybes bathyllus
1070 Eudamidas exema
556 Panoquina ocola m.
522 Atrytone conspicua m.

Row 6

550 Atrytone logan f.
501 Atalopedes campestris f.
538 Atrytone ruricola v. metacommet f.
503 Megistias iherminieri
542 Amblyscirtes textor
537 Amblyscirtes carolina m.
548 Amblyscirtes hegon m.
1290 Amblyscirtes vialis
547 Pholisora catullus
557 Pholisora hayhurstii
555 Amblyscirtes nysa m.

Row 7

552 Poanes massasoit m.
532 Poanes hobomok f.
559 Poanes hobomok v. pocohontas f.
822 Poanes viator
520 Poanes zabulon m.
553 Pyrgus syrichtus
519 Pyrgus communis v. occidentalis
539 Pyrgus philetas f.
543 Pyrgus communis m.
951 Pyrgus communis f.

Row 8

531 Hesperia sassacus m.
510 Hesperia sassacus v. manitoboides
558 Hesperia leonardus m.
549 Hesperia laurentina v. assiniboia
509 Hesperia ericetorum m.
500 Lerodea eufala f.
545 Lerodea tripuncta
29 Ancyloxipha numitor
540 Copaeodes minima (2)

Frame 5 (read vertically)

Row 1

156 *Lycaena maricopa* m.
 1064 *Lycaena icarus* f.
 16 *Lycaena missionensis*
 464 *Lycaena xerces* v. *polypheumus* m.
 743 *Glaucopsyche lygdamus* v. *couperi* m.
 744 *Glaucopsyche lygdamus* v. *couperi* f.
 480 *Phaedrotes piasus* v. *catalina* m.
 247 *Lycaeides argyrognomon* v. *scudder* m.
 476 *Lycaeides melissa* f.
 268 *Lycaeides melissa* m.
 1141 *Agrodiaetus damon*
 627 *Leptotes cassius* v. *theonus*

Row 2

184 *Plebeius icariodes*
 15 *Plebeius icariodes* v. *ardea*
 253 *Plebeius acmon* v. *chlorina* m.
 187 *Plebeius shasta*
 248 *Plebeius emigdionis* m.
 1002 *Plebeius emigdionis* f.
 257 *Plebeius saepiolus* m.
 1282 *Plebeius saepiolus* f.
 255 *Plebeius hilda* m.
 185 *Plebeius podarce* m.
 186 *Plebeius acmon* v. *lupini* m.
 486 *Hemiargus ceraunus* f.

Row 3

1139 *Lycaena meleager* m.
 492 *Plebeius icariodes* v. *pembina* f.
 249 *Plebeius pheres* m.
 485 *Philotes battoides* f.
 1135 *Lysandra escheri*
 1212 *Arhopala ammon*
 482 *Lycaenopsis pseudargiolus* v. *echo*
 490 *Lycaenopsis argiolus* v. *violacea* m.
 475 *Lycaenopsis pseudargiolus* v. *arizonensis*
 494 *Lycaenopsis argiolus* v. *lucia* f.
 832 *Philotes sonorensis* f.

Row 4

617 *Lycaena thoe* m.
 49 *Lycaena phlaeas* v. *americana*
 21 *Lycaena arota* m.
 618 *Lycaena helloides* m.
 1288 *Lycaena epixanthe* f.
 893 *Lycaena phlaeas*
 403 *Lycaena arota* f.
 491 *Everes amyntula* m.
 41 *Everes comyntas* m.
 1639 *Everes comyntas* f.
 739 *Lycaenopsis argiolus* v. *pseudargiolus*
 472 *Lycaenopsis argiolus* v. *marginata* f.
 1640 *Lycaenopsis argiolus* v. *marginata* m.

Row 5

1526 *Strymon damo* m.
 630 *Strymon m-album* m.
 496 *Hemiargus isolus* m.
 624 *Hemiargus thomasi* f.
 1641 *Hemiargus thomasi* m.

Row 5 (continued)

498 *Hemiargus gyas* m.
 1642 *Hemiargus gyas* f.
 471 *Philotes speciosa* m.
 1643 *Philotes speciosa* f.
 265 *Brephidium pseudofea* m.
 908 *Feniseca tarquinius* m.
 369 *Apodemia mormo*

Row 6

544 *Atlides halesus* m.
 379 *Strymon cysalus* v. *citima* m.
 495 *Lephelisca australis*
 479 *Lephelisca borealis* m.
 466 *Polystigma nais* f.
 477 *Lephelisca virginensis* m.
 406 *Strymon dryope* m.
 460 *Strymon nelsoni* m.

Row 7

746 *Incisalia henrici* m.
 1644 *Incisalia henrici* f.
 747 *Incisalia hiphon* m.
 1645 *Incisalia nippon* f.
 745 *Incisalia augustinus* m.
 1646 *Incisalia augustinus* f.
 407 *Strymon melinius* v. *franki* f.
 408 *Strymon putnami* f.
 755 *Strymon caryaevorus*
 754 *Strymon liparops*
 377 *Strymon cecrops* f.

Row 8

402 *Strymon sylvinus* f.
 409 *Strymon saepium* m.
 396 *Strymon spadix* f.
 411 *Strymon ontario* v. *autolytus*
 391 *Strymon dumetorum* m.
 387 *Strymon calanus* m.
 382 *Strymon leda* f.
 392 *Strymon californica* m.
 737 *Strymon melinius*
 399 *Strymon auctorum*

Row 9

367 *Strymon gunus* m.
 404 *Strymon apama* f.
 752 *Strymon acadica*
 467 *Strymon siva* v. *juniperaria*
 401 *Erora laeta* v. *klotzi* f.
 413 *Strymon sheridani* f.
 400 *Strymon ines* m.
 1424 *Strymon moesites* m.
 388 *Strymon favonius* f.
 835 *Strymon pastor* m.

Row 10

1130 *Mitoura spinetorum*
 405 *Strymon admostomatus* m.
 303 *Strymon dumetorum* v. *perplex*
 753 *Strymon falacer*
 32 *Strymon titus* m.
 1647 *Strymon titus* f.
 30 *Strymon edwardsii*

Row 1

497 Phyciodes texana v. seminole m.
 262 Phyciodes texana m.
 33 Phyciodes tharos
 483 Phyciodes frisia ← #483
 204 Phyciodes mylitta m. ← #204
 1648 Phyciodes mylitta f. ← #1648
 473 Phyciodes campestris* fem.
 251 Phyciodes batesii m.
 1649 Phyciodes batesii f.
 489 Phyciodes campestris v. camillus
 507 Phyciodes vesta f.

Row 2

493 Phyciodes picta
 487 Phyciodes tharos v. marcia f.
 455 Phyciodes mylitta v. barnesi f.
 270 Phyciodes montana
 474 Phyciodes phaeon f.
 481 Melitaea- gorgone v. carlota f.
 457 Melitaea- palla m.
 452 Melitaea- palla v. calydon m.
 430 Melitaea leanira m.
 461 Melitaea cyneas

Row 3

386 Boloria epithore f.
 240 Boloria toddi v. ammiralis m.
 380 Boloria selene v. atrocotalis
 353 Boloria chariclea v. rainieri
 481 Boloria selene v. myrina #381
 414 Boloria toddi v. ammiralis f. #414
 397 Boloria helena m.
 1595 Boloria dia m.
 1138 Boloria pales m.

Row 4

1039 Chlosyne erodyle m.
 1043 Chlosyne narva m.
 1579 Phyciodes polina v. intermedia m.
 1466 Phyciodes corybassa
 289 Chlosyne lacinia v. adjutrix fem.
 368 Chlosyne lacinia v. adjutrix m.
 295 Chlosyne crocale v. rufescens m.
 195 Melitaea nycteis

Row 5

1287 Euphydryas phaeton f.
 301 Euphydryas phaeton m.
 444 Euphydryas anica v. capella m.
 445 Melitaea palla v. whitneyi
 447 Melitaea acasta m.
 462 Melitaea theona v. theckla f.
 423 Melitaea neumogeni m.
 1147 Melitaea cynthia
 454 Melitaea pola v. arachne
 469 Melitaea chara

Row 6

623 Euphydryas chalcedona m.
 1289 Euphydryas editha v. bayensis m.
 432 Euphydryas wrighti m.
 422 Euphydryas chalcedona v. dwinell-
 321 Euphydryas editha m. ei
 442 Euphydryas quino f.
 431 Melitaea harrisi v. liggetti m.
 446 Euphydryas rubicunda f.
 465 Melitaea perse m.

Row 7

436 Euphydryas cooperi m.
 429 Melitaea palla v. eremita f.
 1600 Melitaea cinxia m.
 458 Euphydryas quino v. augusta m.
 434 Melitaea alma
 425 Euphydryas sierra f.
 428 Euphydryas colonia m.
 426 Euphydryas colon m.
 213 Euphydryas taylori

Row 8

427 Melitaea malcolmi
 448 Melitaea pola v. monache m.
 390 Melitaea gabbi
 1140 Melitaea didyma
 443 Euphydryas quino v. augusta -
 monoensis m.
 441 Melitaea harrissi fem.
 1145 Melitaea aurinia
 450 Melitaea hoffmani m.
 463 Euphydryas nubigena m.
 484 Melitaea harrissi m.
 451 Melitaea dymas m.

Frame 7 (read vertically)

Row 1

433 *Cercyonis oeta* m.
332 *Lethe eurydice* m.
318 *Lethe portlandia* v. *anthedon*
748 *Lethe portlandia* v. *borealis* m.
340 *Lethe eurydice* v. *fumosus* f.
304 *Neominois ridingsii* f.
749 *Lethe portlandia* v. *borealis* f.

Row 2

421 *Erebia epipsodea* f.
303 *Paramecera xicaque*
456 *Erebia tyndarus* m.
344 *Erebia vidleri* m.
620 *Erebia disa* v. *mancinus* m.
208 *Erebia discordalis* m.
258 *Erebia epipsodea* m.
339 *Coenonympha haydeni* m.
1650 *Coenonympha haydeni* f.
1146 *Coenonympha philea*

Row 3

1137 *Erebia tyndarus* f.
306 *Euptychia rubricata* m.
281 *Euptychia gemma*
347 *Euptychia cymela* v. *violae*
418 *Euptychia cymela*
412 *Euptychia henshawi* m.
343 *Euptychia hermes* v. *sosybia*
336 *Euptychia phocion*
322 *Cercyonis charon* m.
1142 *Erebia neoridas*

Row 4

420 *Cercyonis paula* f.
320 *Cercyonis alope* v. *baroni* m.
338 *Cercyonis alope* v. *boopis* m.
349 *Cercyonis alope* v. *ariane* m.
319 *Cercyonis alope* v. *nephele* m.
261 *Cercyonis silvestris* f.
305 *Cercyonis alope* v. *olympa* m.
890 *Erebia nipponica*

Row 5

168 *Cercyonis alope* m.
1014 *Cercyonis alope* f.
1013 *Cercyonis alope* v. *maritima* m.
169 *Cercyonis alope* v. *maritima* f.
334 *Cercyonis pegala* v. *pegala* f.
256 *Cercyonis alope* v. *ariane* f.

Row 6

419 *Cercyonis silvestris* m.
341 *Cercyonis paula* m.
376 *Oeneis ivallda* f.
1285 *Oeneis jutta* m.
1284 *Oeneis jutta* f.
325 *Oeneis polixenes* v. *katahdin* f.
330 *Oeneis oeno* v. *lucilla* f.
331 *Oeneis polixenes* v. *katahdin* m.

Row 7

323 *Oeneis iduna* m.
348 *Oeneis chryxus* m.
335 *Oeneis gigas* m.
750 *Oeneis jutta* v. *alaskensis* m.
327 *Oeneis alberta* m.
342 *Oeneis oeno* m.
1131 *Oeneis melissa* v. *semidea* m.
1133 *Oeneis melissa* v. *semidea* f.

Row 8

751 *Oeneis jutta* v. *alaskensis* f.
329 *Oeneis polixenes* m.
417 *Coenonympha californica* v.
galactinus
449 *Coenonympha tullia* v. *brenda* f.
28 *Coenonympha californica* f.
415 *Coenonympha californica* m.
398 *Coenonympha tullia* v. *brenda* m.
416 *Coenonympha tullia* v. *inornata* m.
459 *Coenonympha ampelos* m.

Frame 8 (read vertically)

Row 1

361 *Colias nastes* v. *noina* f.
385 *Colias behrii* m.
439 *Colias nastes* f.
357 *Colias alexandra* fem.
1286 *Colias alexandra* m.
1379 *Colias fieldi*
742 *Colias interior* f.
741 *Colias interior* m.

Row 2

362 *Colias eurytheme* v. *amphidusa* f.
148 *Colias eurytheme* v. *amphidusa* m.
365 *Colias eurytheme* v. *albino* f.
313 *Colias eurytheme* v. *ariadne* m.
371 *Colias philodice* var. f.
395 *Colias philodice* v. *amythale* f.
891 *Colias hyale* v. *poliographus*

Row 3

350 *Colias chrysomelas* f.
616 *Colias philodice* m. var.
20 *Colias philodice* m.
375 *Colias eurytheme* v. *ariadne* f.
1602 *Colias edusa* m.
1580 *Colias* (Zerene) *caesonia* f.
1566 *Colias* (Zerene) *caesonia* m.

Row 4

212 *Colias* (Zerene) *eurydice* m.
193 *Colias* (Zerene) *eurydice* f.
949 *Eurema arbela* v. *boliviensis* m.
1651 *Eurema arbela* v. *boliviensis* f.
1531 *Eurema gundlachia*
250 *Eurema nicippe* f.
1232 *Eurema hecabe*
1044 *Eurema delia* v. *lydia*

Row 5

1487 *Eurema dina* v. *westwoodi*
1488 *Eurema proterpia*
1489 *Eurema salome*
666 *Eurema mexicana* m.
254 *Eurema nicippe* m.
384 *Eurema dairia* v. *jucunda* m.
18 *Eurema lisa* m.
1652 *Eurema lisa* f.
266 *Nathalis iole* fem.

Row 6

961 *Ixias pyrene* v. *insignis*
902 *Ixias pyrene*
1528 *Gonepteryx amintha* v. *formosana*
1529 *Gonepteryx zaneka* v. *taiwana*
1584 *Teracolus eucharis* f.
1585 *Teracolus eucharis* m.
203 *Kricogonia lyside* m.

Row 7

1555 *Pereute callinice*
1165 *Pereute callinira*
351 *Ascia monuste* v. *phileta* f.
324 *Ascia monuste* f.
290 *Ascia monuste* m.
1153 *Leptophobia eleone* v. *doubledayi* f.

Frame 9 (read vertically)

Row 1

307 *Euchloe olympia* v. *rosa* m.
373 *Euchloe olympia* v. *rosa* f.
410 *Euchloe lanceolata* v. *australis* m.
394 *Anthocaris genutia* m.
468 *Anthocaris genutia* f.
440 *Anthocaris cethura* v. *morrisoni*
378 *Anthocaris ausonides* v. *flavidalis*
11 *Anthocaris sara* v. *stella* f.
1 *Anthocaris ausonides* m.
1653 *Anthocaris ausonides* f.

Row 7

1515 *Ascia amaryllis* f.
1425 *Perrhybris pyrrha* v.
amazonica
1380 *Delias thysbe*
901 *Delias aganippe*
887 *Aporia crataegi*
355 *Neophasia menapia* m.

Row 2

354 *Pieris protodice* v. *occidentalis* m.
366 *Pieris napi* m.
896 *Pieris napi* v. *nesis*
358 *Pieris napi* v. *virginiensis*
360 *Pieris beckeii* f.
302 *Pieris protodice* m.
264 *Pieris rapae* m.
245 *Pieris rapae* f.

Row 3

389 *Anthocaris sara* v. *julia* f.
269 *Anthocaris sara* v. *reakirti* m.
370 *Pieris napi* v. *oleracea* f.
363 *Pieris napi* v. *venosa*
1188 *Mylothris asphodelus* m.
1430 *Pieris olympia*
1426 *Leptophobia eleusis*
1427 *Pieris aripa* v. *elodina* m.

Row 4

880 *Pieris melete* m.
1051 *Tachyris lyncida* v. *formosana*
1376 *Tachyris libythea*
229 *Tachyris drusilla* v. *neumoegenii* m.
1422 *Leptophobia pinara*
1377 *Appias albina*
1423 *Leptophobia eleone* v. *doubledayi* m.

Row 5

1189 *Mylothris rueppelli*
1429 *Pieris mandela*
1428 *Pieris tovaria* v. *gina*
1198 *Pieris caesia*
1370 *Huphina nadina* v. *eunana*
1568 *Huphina moorei*
1582 *Leptosia xiphia*

Row 6

1419 *Catasticta boliviana*
883 *Catasticta teutila* m.
1418 *Catasticta hopferi*
1059 *Catasticta bithys*
1366 *Acraea andromache*
1191 *Acraea igati*
900 *Delias nigrina* m.

Row 1

3885 Callicore phlogaea v. phlogeides
 3886 Callicore clymena #284
 3887 Callicore clymena var. #3886
 3888 Callicore astala #3887
 3888 Callicore cyllene
 1551 Perisama bonplandi v. albipennis
 3889 Perisama euriclea
 3890 Catagramma texa

Row 2

1464 Perisama calamis v. fassli
 3891 Perisama patara
 3892 Callicore meridionalis
 3893 Catagramma zelphanta
 3894 Callicore consobrina
 3895 Callicore marchalli
 3896 Callicore nystographa
 3897 Catagramma kolyma v. pasithea
 1463 Perisama priene v. boliviana

Row 3

1554 Perisama oppelli v. viridinota
 3898 Perisama oppelli
 3899 Perisama moronina
 3900 Perisama yeba
 1553 Perisama cotyora v. humboldti
 3901 Perisama bonplandi v. lineata
 3902 Perisama clisithera — #3902
 3903 Perisama diotima — #3903

Row 4

3904 Perisama xanthica
 3905 Perisama lanice
 3906 Perisama hilara
 3907 Callicore phlogaea
 3908 Perisama lebasii
 3909 Perisama comnena
 1550 Perisama chaseba v. saussuriei
 3910 Perisama bonplandii
 1209 Perisama priene

Row 5

3911 Callicore metiscus
 1060 Perisama vaninka
 1477 Catagramma hesperis m.
 3912 Catagramma hesperis f.
 957 Catagramma hydaspes
 1552 Perisama cecidas m.
 3913 Perisama cecidas f.
 3914 Catagramma excelsior

Row 6

3915 Perisama cecidas var.
 1479 Callicore neglecta
 3916 Catagramma lepta
 3917 Catagramma pygas v. typhla
 3918 Catagramma pygas
 3919 Catagramma codomannus v. astarte
 3920 Catagramma pitheas m.

Row 7

3921 Catagramma pitheas f.
 3922 Catagramma felderi v. cajetani
 3923 Catagramma atacama
 3924 Catagramma brome
 3925 Catagramma aegina
 3926 Catagramma denina
 3927 Catagramma mionina

Row 8

1545 Catagramma cynosura m.
 3928 Catagramma tolima f.
 1478 Catagramma peristera
 3929 Callicore candrena
 3930 Catagramma tolima m.
 3931 Catagramma cynosura f.
 3932 Callicore anna?

Frame 11 (read vertically)

Row 1

374 *Asterocampa leilia* m.
345 *Asterocampa celtis* v. *antonia* m.
196 *Asterocampa celtis* m.
252 *Asterocampa celtis* f.
297 *Asterocampa clyton* v. *flora* fem.
1149 *Diadema glaucina*
931 *Limenitis camilla* v. *japonica* fem. var.

Row 2

1052 *Chlorippe laurentia*
1168 *Chlorippe burmeisteri*
1532 *Chlorippe seraphina* m.
1497 *Chlorippe pavon*
1169 *Chlorippe agathina* m.
1603 *Limenitis camilla* v.

Row 3

1001 *Adelpha cytherea* v. *lanilla*
1457 *Adelpha leutha*
1197 *Adelpha mainas*
1558 *Adelpha isis*
1196 *Epiphile oreas* fem.
1536 *Epiphile oreas* m.
1066 *Catonephele nyctimus*

Row 4

1171 *Catonephele orites*
1020 *Catonephele numilia* var.
272 *Adelpha bredowi* v. *californica*
1314 *Cethosia biblis* v. *insularis* m.
1392 *Herona marathus*
1391 *Euripus halitherses*

Row 5

1127 *Marpesia orsilochus*
1203 *Marpesia marcella*
1474 *Marpesia livius*
1473 *Marpesia hermione*
1475 *Marpesia cbrinna*

Row 6

918 *Marpesia berania*
271 *Marpesia chiron* m.
886 *Marpesia coresia*
889 *Ancyluris pandama*
1192 *Atella columbina*
1229 *Pantoporia kasa*

Row 7

926 *Neptis hylas* v. *aceris*
1179 *Neptis glycera*
1199 *Pseudacraea lucretia* v. *apaturoides*
895 *Neptis pryri*
1177 *Pantoporia cama*
1178 *Pantoporia selenophora* v. *epibaris*
924 *Stalachtis calliope* var.

Frame 12 (read vertically)

Row 1

478 *Polygonia satyrus* v. *chrysoptera*
206 *Polygonia progne* m.
287 *Polygonia oreas* f.
201 *Polygonia gracilis* f.
197 *Polygonia zephyrus* f.
209 *Polygonia faunus* m.
202 *Polygonia comma* v. *dryas* m.

Row 2

927 *Kaniska canace* v. *no-japonicum*
285 *Polygonia silenus* m.
233 *Polygonia interrogationis* v. *fabrici* m.
870 *Polygonia c-aureum* m.
180 *Polygonia interrogationis* v. *umbrosa* fem.
235 *Polygonia interrogationis* v. *fabrici* fem.

Row 3

876 *Nymphalis xanthomelas* v. *japonica* m.
1373 *Kaniska canace* v. *drilon*
244 *Nymphalis antiopa* fem.
162 *Nymphalis j-album*
1538 *Vanessa myrinna*

Row 4

263 *Nymphalis californica* m.
1593 *Nymphalis urticae* f.
288 *Nymphalis californica* f.
1256 *Nymphalis io*
286 *Nymphalis milberti* v. *pallida*
359 *Vanessa carye*
17 *Vanessa atalanta*

Row 5

136 *Vanessa cardui*
132 *Vanessa virginiensis*
1569 *Cyrestis thyodamas* f.
1368 *Cyrestis thyodamas* v. *ganesha*
1036 *Cyrestis thyodamas* v. *maybella* m.
1581 *Ergolis merione*

Row 6

1048 *Temenis laothoe* v. *agatha*
1215 *Temenis laothoe* v. *ottonis* fem.
996 *Gynaecia dirce*
1040 *Panacea prola* var.
1180 *Cirrochroa clagia*
1187 *Cirrochroa orissa*

Row 7

1200 *Libythea tepahi*
282 *Libytheana carinenta*
283 *Libytheana bachmannii* f.
954 *Leptocircus curious*
1157 *Ancyluris psecas*
1541 *Brassolis saphorae*

Row 1

182 Speyeria montivaga v. oweni m.
 215 Speyeria montivaga v. malcombi
 223 Speyeria macaria m.
 668 Speyeria macaria v. laurina
 241 Speyeria egleis v. mormonia m.
 1654 Speyeria egleis v. mormonia f.
 309 Speyeria behrensi m.

Row 2

226 Speyeria bremmeri m.
 669 Speyeria teutonia
 664 Speyeria platina v. garretti
 216 Speyeria atlantis v. lais fem.
 228 Speyeria zerene m.
 665 Speyeria zerene v. conchyliatus
 207 Speyeria egleis m.

Row 3

299 Speyeria nevadensis v. meadi m.
 239 Speyeria nevadensis fem.
 292 Speyeria hydaspe v. purpurascens m.
 220 Speyeria halcyone m.
 316 Speyeria snyderi fem.
 311 Speyeria callippe m.
 1230 Atella phalanta

Row 4

1132 Speyeria edwardsii f.
 1129 Speyeria edwardsii m.
 874 Argynnis hyperbicus m.
 1480 Argynnis hyperbicus m. var.
 294 Speyeria semiramis fem.
 315 Speyeria cybele v. novascotiae fem.

Row 5

621 Speyeria cybele v. pseudocarpenteri
 656 Speyeria cybele v. krautwurmi
 300 Speyeria cypris m.
 224 Speyeria chitone m.
 221 Speyeria coronis
 312 Speyeria cypris fem.

Row 6

310 Speyeria atlantis v. hesperis m.
 619 Speyeria aphrodite v. manitoba m.
 314 Speyeria atlantis f.
 317 Speyeria aphrodite v. winni m.
 888 Argynnis adippe v. pallescens
 293 Speyeria atlantis v. hesperis fem.

Row 7

1601 Argynnis adippe m.
 686 Euptoieta hegesia
 276 Euptoieta claudia m.
 246 Euptoieta claudia f.
 1136 Boloria amathusia m.
 237 Speyeria eurynome m.
 296 Speyeria egleis v. irene

Frame 14 (read vertically)

Row 1

7 Catocala ultronia
700 Catocala badia
147 Catocala ultronia v. mopsa
704 Catocala serenae
696 Catocala desdemona
19 Catocala polygama v. crataegi
27 Catocala similis v. aholah
583 Catocala polygama f.
713 Catocala micronympha

Row 2

10 Catocala ultronia v. celia
697 Catocala innubens v. hinda
23 Catocala dejecta
692 Catocala illecta
707 Catocala verilliana
586 Catocala similis f.
948 Catocala praeclara
584 Catocala antinympha
694 Catocala suffusa

Row 3

22 Catocala concumbens
562 Catocala paleogama
582 Euparthenos nubilis
658 Catocala relictata
574 Catocala obscura
702 Catocala vidua
580 Catocala retecta

Row 4

699 Catocala residua
708 Catocala lucinda
571 Catocala epione
710 Catocala blandula
26 Catocala gracilis
705 Catocala titania
709 Catocala amica
585 Catocala fratecula m.
698 Catocala andromedia

Row 5

566 Catocala neogama m.
576 Catocala piatrix m.
573 Catocala ilia
569 Catocala ilia v. uxor
581 Catocala ilia v. normani
577 Catocala subnata

Row 6

567 Catocala amatrix v. nursus
578 Catocala neogama f.
561 Catocala cerogama
570 Catocala parta
575 Catocala unijuga
579 Catocala groteiana

Row 1

563 *Catocala viduata*
 587 *Catocala osculata*
 572 *Catocala illia* v. *confusa*
 568 *Catocala amatrix*
 703 *Catocala texanae*
 8 *Catocala amatrix* v. *nursus*

Row 2

564 *Catocala cara* v. *carissima*
 660 *Sphinx cerisyi* f.
 48 *Calasymbolis exaecata*
 659 *Sphinx jamaicaensis* v. *geminatus*
 661 *Sphinx cerisyi* v. *pallidulus*
 1253 *Darapsa versicolor*
 43 *Calasymbolis myops*

Row 3

711 *Catocala amica* v. *nerissa*
 712 *Catocala curvifascia*
 714 *Catocala amica* v. *lineella*-
 645 *Darapsa pholus*
 1594 *Celerio euphorbiae* m.
 939 *Celerio intermedia* v. *galli*
 634 *Xylophanes pluto* m.
 1349 *Hemeroplanes parce*

Row 4

1347 *Epistor lugubris*
 706 *Er~~is~~innyis obscura*
 1358 *Xylophanes nechus*
 635 *Xylophanes tersa* f.
 1258 *Pergessa elpenor*
 170 *Amphion nessus*
 646 *Darapsa myron*

Row 5

1252 *Pogocolon juanita*
 1090 *Haemorrhagia diffinis* v. *ariadne*
 910 *Haemorrhagia diffinis* v. *rubens*
 1025 *Haemorrhagia diffinis* v. *diffinis*
 1096 *Haemorrhagia diffinis* v. *axillaris*
 1089 *Haemorrhagia diffinis* v. *tenuis*
 906 *Haemorrhagia thetis*
 36 *Haemorrhagia thysbe*
 1254 *Cressonia juglandis*

Row 6

84 *Anisota rubicunda*
 130 *Lapara coniferarum*
 655 *Sphecodina abbotti*
 1592 *Amorpha populi* f.
 865 *Anisota stigma* f.
 662 *Syssphinx heiligbrodti*
 943 *Syssphinx albolineata*
 1291 *Anisota stigma* m.

Frame 16 (read vertically)

Row 1

- 1150 Leucothyris makrena m.
- 1406 Leucothyris caucana
- # 1577 Leucothyris graciella v. padilla
- # 1405 Leucothyris attalia
- # 1400 Dismenitis hewitsoni
- 1403 Ithomia terra
- 1401 Hymenitis lydia
- # 1414 Pteronymia tucuna v. tanampaya
- 1412 Pteronymia tucuna v. bueya

Row 2

- # 1408 Leucothyris deronda
- 1407 Leucothyris cytharista
- 1413 Pteronymia denticulata
- 1402 Ithomia ellara v. eleonora
- 1042 Aprotopos psidii
- 1397 Dircenna loreta
- 1417 Velamysta torquatilla
- 1398 Episcada clausina

Row 3

- 1416 Velamysta pupila
- 1244 Dircenna dero m.
- # 1573 Dircenna hugia
- 995 Mechanitis nessaea
- 1415 Sais paraensis v. camariensis
- 1063 Mechanitis polymnia
- 1409 Mechanitis messenoides v. deceptus
- 1410 Mechanitis messenoides

Row 4

- 885 Dircenna klugii fem.
- 1544 Ceratinia vallonina v. euryanessa
- 1399 Hirsutis pseudonyma v. lateflava
- 1213 Melinaea mothone - v. mothone
- 1411 Melinaea mothone v. messenina
- 998 Thyridia singularis
- 1041 Melinaea lilis v. messatis

Row 5

- 1069 Hypoleria ocalea
- 1068 Ceratinia dionaea v. fraterna
- 1250 Ceratinia vallonina v. laphria
- 1240 Ceratinia xanthostola
- 1396 Ceratinia metella
- 1560 Actinote testacea
- 1561 Actinote corduba
- 1152 Actinote momina

Row 6

- 1239 Thyridia confusa
- 1404 Ituna phenarete
- 1220 Hirsutis hermias v. neitha
- 1056 Melinaea menophilus var.
- 1072 Heliconius ismenius v. telchinia
- 917 Hirsutis pseudonyma v. pseudethra

Indicates Wings only - (no Body)

Frame 17 (read vertically)

Row 1

871 Heliconius phyliss fem.
1522 Heliconius petiverana
1249 Heliconius nanna var.
1590 Heliconius phyliss m.
994 Heliconius nanna
1045 Heliconius xenoclea f.
928 Heliconius xenoclea m.

Row 2

1162 Heliconius clytia v. flavescens m.
897 Heliconius sara v. rhea (form)
1242 Heliconius sara v. apseudes
1570 Heliconius clytia v. flavescens fem.
873 Heliconius doris
1172 Heliconius rhea
892 Heliconius clytia v. wallacei abb: parnimaculata

Row 3

1395 Heliconius penelope
1124 Heliconius burneyi v. catherina
875 Heliconius xanthocles v. melior
1204 Heliconius aoede var.
1589 Heliconius melpomene m.
894 Heliconius melpomene fem.
1055 Heliconius hydara

Row 4

993 Heliconius narcaea v. flavomaculata
629 Heliconius charitonius v. tuckeri fem.
628 Heliconius charitonius v. tuckeri m.
1591 Heliconius charitonius var.
1205 Heliconius telesiphe
1126 Dryas phaetusa m.

Row 5

280 Dryas julia v. cillene m.
1563 Dryas julia v. titio
920 Agraulis junio m.
953 Dryas telesiphe
200 Agraulis vanillae v. nigrior
904 Agraulis moneta v. butleri

Row 6

999 Eueides dianassa v. decolorata
1008 Eueides tales v. surdus m.
1009 Eueides tales v. surdus f.
983 Eueides lybia
194 Agraulis vanillae v. incarnata
903 Agraulis vanillae male

Frame 18 (read vertically)

Row 1

179 *Anaea andria* f.
913 *Anaea vicinalis*
625 *Anaea floridalis*
227 *Anaea andria* m.
1167 *Anaea stheno*
1166 *Anaea acaudata*

Row 2

1462 *Anaea odilia*
1492 *Anaea pithyusa*
1459 *Anaea onophis*
1461 *Anaea xenocles*
1460 *Anaea drucei*
1034 *Anaea glauca*

Row 3

1053 *Anaea nessus* m.
178 *Limenitis lorquini* f.
181 *Limenitis lorquini* v. *burrusoni* m.
274 *Limenitis arthemis* v. *rubrofasciata* m.
183 *Limenitis weidemeyeri*
622 *Limenitis arthemis* v. *artemis* m.

Row 4

670 *Limenitis astyanax* v. *arizonensis* m.
6 *Limenitis archippus*
680 *Limenitis archippus* v. *dissipus*
836 *Limenitis arthemis* v. *astyanax* f.
139 *Limenitis arthemis* v. *astyanax* m.
1128 *Hamadryas chloe* v. *obidona*

Row 5

1559 *Hamadryas arete* v. *alpheios* m.
997 *Hamadryas amphinome* m.
922 *Hamadryas februa*
688 *Hamadryas feronia*
1236 *Hamadryas arinome* v. *sterope*

Row 6

1207 *Hamadryas fornax* m.
1035 *Hamadryas arete* v. *alpheios* fem.
971 *Pareronia beobera*
1120 *Nessaea obrinus* m.
1125 *Biblis hyperia* v. *aganisa*

Frame 19 (read vertically)

Row 1

651 Anteos clorinde m.
1513 Anteos maerula m.
1217 Phoebis cirris m.
175 Phoebis philea m.

Row 2

1421 Dismorphia nemesis m.
923 Dismorphia amphione v. praxinoe m.
1033 Dismorphia astynome
372 Phoebis agarithe v. maxima m.
1122 Phoebis argante m.

Row 3

1534 Pieris buniae va.r.
868 Hebomia glaucippe m.
1121 Anteos menippe
1247 Phoebis cypris v. neocypris m.

Row 4

352 Phoebis agarithe v. maxima f. var.
232 Phoebis agarithe v. maxima f.
176 Phoebis sennae v. eubule f. var.
1061 Phoebis sennae v. sennae
177 Phoebis sennae v. eubule m.

Row 5

1050 Catopsilia crocale m.
1062 Daptonoura lycimnia var.
690 Phoebis statira f.
1226 Catopsilia pyranthe v. alcyone fem.
356 Phoebis statira m.

Row 6

1378 Catopsilia pyranthe m. var.
962 Catopsilia pommona v. hinda m.
963 Catopsilia scylla m.
1248 Phoebis trite m.
1174 Catopsilia crocale v. flava fem.

Frame 20 (read vertically)

Row 1

1097 Charaxes lucretius
1092 Charaxes etheocles
1184 Charaxes affinis
1088 Charaxes laodice
952 Charaxes zinga

Row 2

1079 Charaxes protoclea
1548 Megistanis baeotus v. deucalion
1565 Charaxes polyxena
1099 Charaxes pelias v. saturnus

Row 3

1087 Charaxes anticlea
1095 Charaxes boueti v. lasti
1098 Charaxes paphianus
1093 Charaxes eupale
1094 Charaxes guderiana
1390 Eriboea athamas

Row 4

1086 Charaxes brutus v. angustus
1100 Charaxes varanes v. vologeses
1564 Eriboea eudamippus
1091 Charaxes etesipe

Row 5

1085 Charaxes achemenes
689 Historis acheronta f.
1307 Eriboea bharata m.
1540 Hypna clytemnestra

Row 6

1049 Historis acheronta m.
1119 Zaretas isidora m.
929 Zaretas isidora v. cacica
1185 Rhinopalpa polynice v. callonice
955 Narope anartes

Row 1

898 Ypthima argus fem.
 1453 Steroma bega
 1454 Steroma bega v. modesta
 1154 Satyrus actaea m.
 1144 Epinephele jurtina m.
 1455 Steroma superba
 1438 Euptychia polyphemus
 1445 Oressinoma typhla

Row 2

1572 Pedaliodes porina
 1450 Pedaliodes prosa
 1446 Pedaliodes proerna v. obscura
 1449 Pedaliodes ~~porina~~
 1447 Pedaliodes paneis
 1567 Pedaliodes hewitsoni
 1444 Oressinoma typhla v. sorata

Row 3

1448 Pedaliodes paneis v. pheres
 291 Gyrocheilus patrobas v. tritonia m.
 1439 Lymanopoda acraeida
 1046 Lethe marginalis
 872 Lethe diana
 925 Lethe ocellata
 1441 Lymanopoda albomaculata v. apulia

Row 4

1173 Haetera macleannania m.
 1452 Pronophilia cordillera
 1451 Pronophilia thelebe
 1456 Tayguetis albinotata
 1533 Tayguetis andromeda m.

Row 5

1443 Mygona prochyta
 1576 Corades albomaculata
 1435 Corades medeba
 1436 Corades sareba
 1433 Corades argentata

Row 6

1186 Lethe mekara v. crijnana ?
 1123 Pierella lamia
 1542 Pierella dracontis
 930 Oxeoschistus pronax
 1437 Corades ulema

Row 7

1432 Corades enyo v. almo
 1578 Lymanopoda venosa
 1434 Corades iduna
 1442 Lymanopoda obsoleta
 1440 Lymanopoda albomaculata v. affineola

Row 1

916 Danais eresimus
1374 Danais chrysippus v. pitalea
1082 Danais chrysippus
1381 Danais genutia m.
1495 Danais cleothera

Row 2

188 Danais gilippus m
667 Danais gilippus v. strigosa m
1032 Danais gilippus v. berenice .
1245 Danais erippus
1383 Danais limniace

Row 3

1371 Danais tytia
135 Danais plexippus
1385 Euploea mulciber
1384 Danais melissa v. septentrionis
1223 Euploea mulciber v. megilla m.

Row 4

882 Lycorea cleobaea
1511 Lycorea cleobaea v. atergatis
991 Lycorea halia
1224 Danais ismare v. felicia
1369 Euploea eleutho v. corinna var. m.

Row 5

1182 Hypolimnas bolina m.
1110 Hypolimnas misippus m.
1057 Hypolimnas bolina v. kezia f.
1231 Danais similis v. palawana
1583 Euploea core v. asela

Frame 23 (read vertically)

Row 1

217 Speyeria nokomis m.
219 Speyeria nokomis f.
831 Speyeria idalia m.
14 Speyeria cybele m.
308 Speyeria nausicae f.

Row 2

218 Speyeria aphrodite m.
834 Speyeria leto m.
1112 Speyeria diana m.
1386 Argynnis childreni
222 Speyeria aphrodite f.

Row 3

1222 Hypolimnas bolina v. philippensis f.
1227 Hypolimnas antilope v. anomala m.
1111 Hypolimnas misippus f.
273 Hypolimnas misippus v. inaria fem.
1183 Hypolimnas alimena m.

Row 4

933 Metamorpha steneles v. biplagiata
1216 Metamorpha steneles v. biunctata
652 Metamorpha steneles
1387 Cynthia erota

Row 5

1472 Metamorpha epaphus
968 Salamis cytora m.
1328 Yoma sabina v. vasuki
1388 Cirrochroa aoris

Frame 24, (read vertically)

Row 1

830 Morpho portis m.
1519 Morpho portis v. thamyris m.
1562 Morpho aurora
1237 Morpho aega

Row 2

1038 Siderone marthesia v. nemesis
1389 Doleschallia bisaltide
992 Opsiphanes quiteria m.
919 Opsiphanes cassina v. fabricii
1588 Telchinia violae

Row 3

1547 Prepona demophon
966 Prepona chromus m.
1342 Prepona omphale
1243 Prepona laertes

Row 4

1543 Opsiphanes batea
1505 Smyrna karwinski
869 Smyrna blomfieldia v. datis
990 Metamorpha dido

Row 5

1201 Protogonius hippona var.
1467 Protogonius hippona v. quadridentatus
275 Marpesia petreus f.
1073 Marpesia peleus

Frame 25 (read vertically)

Row 1

636 Pachysphinx modesta v. occidentalis m.
1350 Errinyis alope
173 Celerio lineata
938 Pholus fasciatus
937 Pholus vitis

Row 2

172 Hyloicus chersis
2 Pachysphinx modesta
337 Phlegethontius quinquemaculatus f.
230 Phlegethontius sexta f.
1596 Sphinx ligustri m.

Row 3

1257 Herse convolvuli
693 Ceratomia amyntor
1351 Herse cingulata f.
632 Herse cingulata m.
31 Pholus pandorus

Row 4

9 Pholus achemon
149 Errinyis ello
141 Ceratomia undulosa
676 Ceratomia catalpae
695 Hyloicus gordius

Frame 26 (read vertically)

Row 1

236 Parnassius smintheus m. var.
243 Parnassius smintheus m. var.
231 Parnassius smintheus v. sayi fem.
238 Parnassius smintheus v. hermodur m.
1322 Parnassius delius m.
234 Parnassius clodius fem.
242 Parnassius smintheus fem.

Row 2

1319 Parnassius apollo m.
210 Parnassius clodius v. claudianus m.
1318 Parnassius apollo v. geminus
1321 Parnassius apollo v. anti-jesuita
1320 Luehdorfia puziloi v. japonica m.
1255 Papilio podalirius v. feisthamelli

Row 3

1310 Papilio macareus v. indicus
1228 Papilio epycides
733 Papilio macareus
1108 Papilio epycides v. melanoleucus m.
722 Papilio leonidas
1102 Papilio triopas m.

Row 4

1080 Papilio ridleyanus
1327 Papilio erlaces v. lacydes f.
1313 Papilio zenobia v. nobicea
1075 Papilio angolanus
1081 Papilio latreillianus v. theorini

Row 5

728 Papilio sarpedon m.
770 Papilio Sarpedon v. connectens
774 Papilio doson
1316 Papilio eurypylus v. gordion m.
794 Papilio doson v. postianus

Row 6

1375 Papilio eurypylus
1509 Papilio montezuma
1586 Papilio zolicaon fem.
4 Papilio marcellus v. marcellus male

Frame 27 (read vertically)

Row 1

1330 Papilio glycerion
1306 Papilio eurous v. sikkimica m.
1503 Papilio agesilaus v. fortis
761 Papilio agetes

Row 2

758 Papilio aristheus v. anticrates
762 Papilio antiphates
1323 Papilio antiphates v. alcibades
1315 Papilio euphrates m.

Row 3

734 Papilio antheus
723 Papilio pollicenes
267 Papilio zolicaon m.
787 Papilio machaon
1481 Papilio polyxenes v. brevipoda f: bretonensis m.

Row 4

759 Papilio agamemnon m.
914 Papilio cloanthus v. kuge m.
277 Papilio indra v. pergamus
259 Papilio indra
796 Papilio lysithous v. rurik

Row 5

1486 Papilio lysithous v. brevifasciatus
1311 Papilio agavus m.
1518 Papilio chamissonia
1372 Papilio perrhebus v. damocrates m.

Row 6

1525 Papilio proneus
779 Papilio hectorides
1516 Papilio lysithous
1303 Papilio aristolochiae v. kotzebuea m.

Frame 28 (read vertically)

Row 1

1218 Papilio vertumnus v. autumnus m. var.
1214 Papilio sesostris m.
1158 Papilio ariarathes v. anargus
1163 Papilio neophilus v. olivencius f.
1520 Papilio polyzelus

Row 2

1508 Papilio phaon f.
278 Papilio polydamas m.
790 Papilio philetas
1524 Papilio iphidamas
803 Papilio erlaces m.

Row 3

1118 Papilio neophilus v. ^{CONSUS}~~ecbolius~~ m.
1160 Papilio neophilus v. olivencius m.
1161 Papilio aeneas
1115 Papilio vertumnus v. autumnus m.
1116 Papilio vertumnus v. diceros

Row 4

1506 Papilio arcas v. mylotes m.
1246 Papilio lysander
1117 Papilio echemon v. ergeteles m.
1514 Papilio nephalion ♀
1241 Papilio ariarathes

Row 5

1159 Papilio harmonidius var.
1484 Papilio branchus
780 Papilio harmonidius
1517 Papilio photinus
1114 Papilio triopas f.

Frame 29 (read vertically)

Row 1

969 Copaxa caucilla m.
1360 Dirphia _____ ?
967 Dirphia sabina m.
682 Automeris io f.
1343 Automeris tridens m.

Row 2

1340 Automeris memusae f.
1339 Automeris memusae m.
13 Automeris io m.
638 Agapima galbina f.
657 Agapima galbina m.

Row 3

678 Eacles imperialis f.
1341 Automeris illustris f.
1336 Automeris tridens f.
1338 Eacles magnifica m.

Row 4

1502 Citheronia mexicana
674 Copaxa lavendaria m.
736 Callosamia promethea f.
945 Callosamia angulifera m.

Row 5

640 Hemileuca nevadensis m.
639 Pseudohazis eglanterina m.
142 Callosamia promethea m.
970 Citheronia laocoon m.
364 Rothschildia forbesi f.

Frame 30 (read vertically)

Row 1

826 Urania repheius m.
1537 Urania leilus
1065 Urania fulgens
631 Composia fidelissima f.
1023 Arichanna belluararia f.

Row 2

1490 Rothschildia jorulla f.
663 Callosamia calleta
675 Hyalophora guberi f.
642 Composia fidelissima m.

Row 3

453 Erebus odora ~~2~~ ♂
972 Rothschildia arethusa m.
424 Rothschildia orizaba m.
1549 Castnia licus m.

Row 4

648 Hyalophora rubra
973 Rothschildia jacobaeae m.
944 Hyalophora columbia
1535 Eucyane bicolor

Between Row 3 & 4 at bottom:

1359 _____ ?

Frame 31 (read vertically)

Row 1

1233 Papilio ambrax var.
782 Papilio castor v. japonica
764 Papilio castor v. formosanus m.
793 Papilio polytes m.

Row 2

785 Papilio polytes v. ledebouria
1074 Papilio polytes v. alphenor m.
721 Papilio zenobia
1234 Papilio ambrax v. epiurus fem.

Row 3

1238 Papilio polystictus
1103 Papilio demoleus
797 Papilio sesostris v. zestos
720 Papilio demodocus

Row 4

1512 Papilio laodamas v. procas
1483 Papilio crassus fem.
788 Papilio agestor v. matsumurae
731 Papilio xenocles

Frame 32 (read vertically)

Row 1

138 Papilio polyxenes v. asterias f.
134 Papilio polyxenes v. asterias m.
1491 Papilio polyxenes v. fascia; form: curvifascia m.
1587 Papilio bairdii

Row 2

1527 Papilio polyxenes v. americanus
205 Papilio philenor f.
192 Papilio philenor m.
804 Papilio paris v. hermosanus

Row 3

140 Papilio troilus f.
302 Papilio xuthus v. xuthulus
189 Papilio philenor v. acauda
137 Papilio troilus m.

Row 4

279 Papilio bairdii v. oregonia
989 Papilio anchisiades v. capys m.
1164 Papilio anchisiades m.
1501 Papilio philolaus

Row 5

649 Papilio marcellus v. telamonides m.
767 Papilio ~~cl~~anthus
1493 Papilio epidaus v. fenochionis

Frame 33 (read vertically)

Row 1

861 Papilio glaucus f. (spring form)
808 Papilio glaucus m. (spring form)
740 Papilio glaucus v. canadensis m.
864 Papilio glaucus v. canadensis f.

Row 2

1482 Papilio glaucus m. (summer form)
934 Papilio glaucus f. (summer form)
654 Papilio glaucus v. glaucus f. Var.

Row 3.

862 Papilio glaucus v. glaucus m.
863 Papilio glaucus v. glaucus f.
191 Papilio rutulus

Row 4

190 Papilio glaucus v. glaucus f. (dark form)
877 Papilio eurymedon v. albanus
644 Papilio eurymedone

Frame 34 (read vertically)

Row 1

1499 Papilio thoas v. autocles
795 Papilio paeon
650 Papilio cresphontes m.

Row 2

1026 Papilio andraemon
1521 Papilio cresphontes v. melanuras
784 Papilio lycophron v. lycophron

Row 3

800 Papilio thoas
801 Papilio xuthus
765 Papilio thoas v. brazilensis

Row 4

626 Papilio palamedes m.
781 Papilio machaon v. hippocrates m.
1028 Papilio lycophron v. phanias m.

Frame 35 (vertical rows)

Row 1

756 Papilio agesilaus
1523 Papilio protesilaus v. nigricornis
1494 Papilio protesilaus v. penthesilaus

Row 2

488 Papilio telesilaus
1067 Papilio molops v. hetaerius
798 Papilio stenodesmus

Row 3

783 Papilio leucaspis
763 Papilio serville
1029 Papilio dolicaon v. deileon f.

Row 4

1030 Papilio dolicaon v. deileon m.
1507 Papilio dolicaon v. deicoon
828 Papilio payeni v. evan m.

Row 5

681 Papilio marcellus v. lecontei
719 Papilio antheus v. evombaroides
1331 Papilio gyas m.

Frame 36 (read vertically)

Row 1

899 *Teinopalpus imperialis* m.
1076 *Papilio bromius*
717 *Papilio nireus*

Row 2

1325 *Papilio hoppo* v. *matusummurae*
777 *Papilio polycctor* v. *ganessa* m.
1775 *Papilio krishna* m.

Row 3

769 *Papilio bianor*
1498 *Papilio pharnaces* ♂
1709 *Papilio polycctor* f.

Row 4

1077 *Papilio phorcas* v. *congoanus*
792 *Papilio paris*

Row 5

718 *Papilio phorcas* m.
1510 *Papilio thymbraeus* v. *aconophos*
775 *Papilio bianor* v. *formosanus*

Frame 37 (read vertically)

Row 1

726 Papilio helenus m.
776 Papilio helenus v. fortunius f.
1104 Papilio chaon v. chaonulus m.

Row 2

768 Papilio chaon
1304 Papilio helenus v. fortunius m.
772 Papilio protenor v. demetrius ♂

Row 3

789 Papilio helenus v. nicconicolens m.
716 Papilio dardanus m.
715 Papilio menestheus

Row 4

1078 Papilio dardanus v. hippocoon
833 Papilio oberon
1031 Papilio alcinous v. mansonensis

Frame 38 (read vertically)

Row 1

730 Papilio clytia v. dissimilis
735 Papilio clytia
1504 Papilio scamander v. eurymander
1500 Papilio anchisiades v. idaeus

Row 2

799 Papilio thaiwanus
786 Papilio rhetenor v. leucocelis
725 Papilio protenor m.
729 Papilio varuna

Row 3

791 Papilio philoxenus m.
1106 Papilio protenor v. amauria m.
727 Papilio rhetenor

Row 4

1332 Papilio rumanzovia m.
766 Papilio bootus
1333 Papilio dasarada m.

Frame 39 (read vertically)

Row 1

1308 Papilio bianor v. takasago m.
915 Papilio bianor v. thasymides
1324 Armandia lidderdali m.

Row 2

1916 Teinopalpus imperialis fem.
1910 Papilio polydamas f.
1918 Papilio polymnestor m.

Row 3

1105 Papilio dialis v. andronicus m.
757 Papilio arcturus
1921 Papilio montrouzieri

Row 4

1574 Papilio bianor v. dehaani
1575 Papilio maackii v. tutanus

Frame 40 (read vertically)

Row 1

964 Prioneris clemathe m.
1317 Delias hyparete v. luzonensis m.
959 Delias descombesi m.
960 Delias hyparete v. hierte m.
1000 Helicopis trinitatis f.

Row 2

964 Prioneris clemathe m. (underside)
1317 Delias hyparete v. luzonensis (underside)
959 Delias descombesi m. (underside)
960 Delias hyparete v. hierte m. (underside)
1058 Lymanopoda samius

Row 3

687 Historis odius
1334 Thaumantis diores f.
1202 Parthenos sylvia v. guineensis

Row 4

958 Delias eucharis m.
1176 Delias aglaia m.
965 Prioneris thestylis m.
1362 Delias henningia m.
1363 Delias henningia v. voconia m.

Row 5

These are same as Row 4 showing underside colors

Frame 41 (read vertically)

Row 1

1047 Morpho achilles v. trojana m.
827 Morpho laertes
867 Morpho deidamia v. erica

Row 2

866 Morpho sulkowski v. sirene m.
884 Morpho amathonte m.
829 Morpho anaxibia m.

Row 3

977 Morpho achillaena v. anakreon m.
879 Morpho menelaus v. terrestris m.
921 Morpho achilles v. amazonicus f.

Frame 42 (read vertically)

Row 1

825 Morpho didius male
978 Morpho laertes v. eutropius fem.

Row 2

976 Morpho perseus male (yellow form)
824 Stichopthalma camadeva m.
1530 Hestia leuconoe v. clara

Row 3

881 Morpho hecuba v. obidonis male
975 Morpho lersesus fem. (blue form)

Frame 43 (read vertically)

Row 1

1539 Caligo beltrao
1546 Caligo oileus m.

Row 2

979 Caligo teucer f.
980 Caligo eurilochus v. brasiliensis

Row 3

1730 Morpho deidamia v. briseis m.
1680 Morpho catenarius m.

Frame 44 (read vertically)

Row 1

771 Papilio thoas v. cinyras
1766 Papilio polymnestor f.
760 Papilio memnon v. agenor m.

Row 2

2507 Papilio aristeus v. bitias f.
1762 Papilio deiphobus m.
1485 Papilio androgeus v. laodocus f.

Row 3

1027 Papilio androgeus
1326 Papilio aristeus v. bitias m.
1496 Papilio multicaudatus (daunus)

Frame 45 (read vertically)

Row 1

1084 *Athletes semialba*
1235 *Thysania zenobia* f.
5 *Antheraea polyphemus*
1356 *Heliconisa pagenstecheri*

Row 2

143 *Hyalophora cecropia* f.
807 *Hyalophora cecropia* m.
1337 *Arsenura meander* m.

Row 3

174 *Philosamia cynthia* f.
260 *Philosamia cynthia* m.
1259 *Saturnia pyri*

Frame 46 (read vertically)

Row 1

171 Actias luna
637 Actias selene m.

Row 2

1083 Lobobunaea pallens f.
1346 Desdemonia pluto
974 Rothschildia baetis m.

Row 3

950 Hyalophora guberi m.
946 Callosamia angulifera f.
1260 Graellsia isabelae f.
435 Graellsia isabelae m.

Row 4

679 Eacles imperialis m.
1344 Eacles magnifica f.
3 Citheronia regalis m.
1345 Citheronia brisollis f.

Frame 47 (read vertically)

Row 1

470 Pseudosphinx tetrio m.
1352 Phlegethontius rustica
1355 Pachylia ficus m. var.
701 Pachylia ficus f.

Row 2

982 Pseudosphinx tetrio f.
981 Cocytius antaeus v. hydaspus f.
633 Cocytius antaeus m.

Row 3

1206 Acherontia atropos
1251 Pholus labruscae
1353 Protambulyx strigilis f.
1219 Protambulyx strigilis m.

Frame 48 (read vertically)

Row 1

- 1914 Papilio hypolitus v. cellularis m.
1928 Papilio helena v. amphimedon? var. m.

Row 2

- 1929 Papilio hypolitus m.
1930 Papilio hypolitus v. cellularis f.
1931 Papilio darsius f.

Row 3

- 1932 Papilio aeacus f.
1933 Papilio helena v. oblongomaculatus m.

(Ornithoptera ("Bird-Wings"))

FRAME 49 (Individual series)

<u>49A</u>	940	Thysania agrippina	f.
<u>49B</u>	1367	Attacus atlas v. lorquini	f.
<u>49C</u>	685	Attacus atlas	female
<u>49D</u>	1364	Attacus atlas v. edwardsi	m.
<u>49E</u>	1365	Attacus atlas v. edwardsi	f.
<u>49F</u>	3004	Attacus atlas v. royale	f.
<u>49H</u>	1329	Papilio priamus	m. (bottom left)
	1978	Papilio priamus	f. (top center)
	1982	Papilio priamus v. euphorion	f. (bottom right)
<u>49K</u>	1954	Papilio priamus v. croesus	m.
	1979	Papilio priamus v. croesus	f. (top)
	1980	Papilio priamus v. croesus	m. var.
<u>49L</u>	1958	Papilio brookieana	m. (top left)
	1981	Papilio priamus v. arruana	f. (bottom right)
	1955	Papilio priamus v. poseidon	var. (bottom left)
	1959	Papilio rhadamanthus	f. (upper right)
<u>49M</u>	1956	Papilio priamus v. arruana	m. (top left)
	1957	Papilio priamus v. euphorion	m. (bottom left)
	1953	Papilio priamus v. hecuba	m. (right side)
	4785	Papilio priamus v. hecuba	var. (right side)
<u>49N</u>	1960	Papilio priamus v. lydius	m. (bottom left)
	1983	Papilio priamus v. lydius	f. (bottom right)
	1977	Papilio priamus v. hecuba	fem. (top)
<u>49O</u>	1335	Papilio priamus v. urvilleanus	m. (bottom left)
	1656	Papilio priamus v. urvilleanus	f. (top)
	1148	Papilio priamus v. posiedon	m. (bottom right)
<u>49R</u>	1312	Papilio victoria regis	m. (top)
	1984	Papilio victoria regis	fem (bottom right)
	1655	Papilio priamus v. posiedon	f. (left bottom)
<u>49S</u>	1693	Attacus atlas	fem. (bred in U.S.)
	1719	Attacus atlas v. royale	male
<u>49T</u>	1720	_____	? (top)
	3444	_____	? (bottom left)
	3445	_____	? (Bottom right)

Note: Most of the above moths and Butterflies come from the Southeastern Asia countries including the Celebes And islands in the New Guinea chain. Nearly all of them are considered rare - some nearly extinct.

Frame 50 (reads vertically)

Row 1

1675 *Gonepteryx cleopatra* fem.
1676 *Gonepteryx cleopatra* m.
1673 *Gonepteryx rhamni*
1678 *Pieris brassicae* fem.
1671 *Pieris brassicae* m.
1670 *Pontia daplidice* fem.
1669 *Pontia daplidice* m.

Row 2

1219 *Colias hyale* m.
1672 *Colias hyale* f.
1665 *Colias phicomone* f.
1666 *Colias phicomone* m.
1663 *Colias edusa* f.
1683 *Eurema platea* fem.
1685 *Eurema phiale*
1684 *Eurema platea* m.
1686 *Eurema arabela*

Row 3

1687 *Eurema leuce* m.
1688 *Eurema leuce* fem.
1689 *Eurema limbia*
1694 *Colias croceus*
1698 *Huphina olga* m.
1699 *Huphina nerissa* v. *cibyra* m.
1695 *Catopsilia florella* m.

Row 4

1691 *Precis lavinia* v. *coenia* m.
1690 *Eurema albula*
1700 *Kaniska canace* v. *hiemalis*
1696 *Phoebis sennae* v. *dryas* m.
1697 *Phoebis rurina* v. *intermedia*

Row 5

1681 *Metamorpha trayga*
1679 *Metamorpha dido* var. *wernicker?*
1682 *Agrias sardanapalus* v. *lugens* m.
1705 *Euthalia jama*
1712 *Doleschallia bisaltide* v. *phillipensis*

Row 6

1667 *Argynnis aglaia* fem.
1668 *Argynnis aglaia* m.
1714 *Argynnis lathonia* v. *saturata* fem.
1713 *Argynnis adippe* v. *chlordinpe*
1716 *Argynnis niobe* v. *orientalis* fem.
1715 *Argynnis pandora* v. *wedekinde* fem.

Row 7

1674 *Nymphalis urticae* m.
1677 *Thais polyxena* m.
1664 *Thais polyxena* f.
1660 *Doritis apollinus* m.
1659 *Doritis apollinus* f.
1701 *Thais rumina* f.

Row 1

1662 Papilio alexanor m.
1661 Papilio alexanor f.
1711 Papilio machaon v. hippocratides m.
1710 Papilio megarus
1792 Papilio eurypylus v. lycaon

Row 2

1707 Papilio clytia v. palephates
1790 Papilio slateri
1805 Papilio sarpedon v. choredon
1772 Papilio angolanus m. var.
1773 Papilio angolanus f. var.

Row 3

1797 Papilio leonidas v. brasidas
1810 Papilio sarpedon v. rufofervidus
1809 Papilio ilioneus v. amyntor
1804 Papilio rhesus

Row 4

1806 Papilio demolion
1798 Papilio cypraeofila
1784 Papilio paradoxa v. telearchus m.
1800 Papilio eurypylus v. pamphylus

Row 5

1788 Papilio androcles
1808 Papilio fuscus v. beccarii
1774 Papilio sarpedon v. milon

Frame 52 (read vertically)

Row 1

1763 Papilio blumei m.
1974 Papilio ulysses v. telegonus f.

Row 2

1771 Papilio ulysses m.
1760 Papilio ulysses v. telegonus m.

Row 3

1975 Papilio arjuna v. gedeensis
1787 Papilio crino

Row 4

1770 Papilio ulysses v. joesa f.
1976 Papilio ulysses f.

Frame 53 (read vertically)

Row 1

1725 Morpho theseus m.
1724 Morpho peleides m.
1729 Morpho cypris m.

Row 2

1722 Morpho theseus v. amphitrion m.
1727 Morpho rhetenor v. cacica
1726 Morpho rhetenor

Row 3

1723 Morpho patroclus v. papyrius m.
1728 Morpho adonis
1721 Morpho polyphemus v. luna

(Note: Bodies have been detached because of grease)

Row 1

1731 Homoptera lunata m.
 1733 Homoptera lunata f.
 1741 Nacophora quernaria
 1746 Metrocampa praegrandaria m. #1746
 1726 Zeuzera pyrina m. -#126
 1735 Apatela hasta
 1633 Baileya ophthalmica
 811 Hillia algens
 1747 Orthodes cynica
 1748 Cosmia paleacea ?
 1884 Apatela hastulifera m.

Row 2

1657 Callimorpha hera
 1732 Isia isabellae m.
 1630 Epimecis hortaria
 604 Abbotana clemitaria f.
 1734 Abbotana clemitaria m.
 1420 Zeuzera pyrina f.
 1749 Spida obliqua m?
 1637 _____
 1750 Graphiphora culea

Row 3

1751 _____
 1752 _____
 1753 _____
 1754 _____
 1755 _____
 1756 _____
 1757 _____
 1758 _____
 1818 Isia isabellae f.
 1814 Graphiphora ouiduca
 1813 Raphia frater
 1819 Plusia aerea m.
 1820 Harpyia cinerea
 1795 Autographa vaccinii

Row 4

1765 Cochlidion biguttata
 1821 _____
 1822 _____
 1823 _____
 1824 _____
 1825 _____
 1826 _____
 1827 _____
 1828 _____
 1815 Eois ossularia
 1768 Pyrrhia umbra
 1831 _____
 1829 _____
 1775 Trachea delicata - #1175
 1830 _____ #1830

Row 5

1816 Schinia lynx
 1832 _____
 1833 Eutelia pulcherrima m.
 1847 Eutelia pulcherrima f.
 1840 Eurycyttarus confederata?
 1853 Pyrausta tyralis
 1850 Phiprosopus callitrichoides f.
 1843 Bleptina caradrinalis
 1851 Galgula hepara v. partita
 1837 Lagoa crispata
 1849 Stenoma schlaegeri
 1854 _____
 1855 _____
 1845 Autographa precationis

Row 6

1817 Diacrisia latipennis
 1835 Apatela morula
 1836 Euchaetias egle
 1838 _____
 1857 _____
 1834 Scopelosoma moffatiana
 1858 _____
 1846 Mamestra lorea
 1859 _____
 1860 Mamestra grandis f.
 1861 _____

Row 7

1862 _____
 1848 Philobia enotata m.
 1852 Hyperitis amicaria m. var.
 1842 Noctua c-nigrum m.
 1844 Mamestra renigera v.
 1864 Leptomeris quinquelinearia
 1865 Archips cerasivorana
 1868 _____
 1863 Gortyna nictitans
 1867 _____
 1872 Zanclognatha lituralis
 1869 _____
 1866 _____

Row 8

1841 Apatela americana
 1856 Cucullia asteroides m.
 1871 Autographa ampla f.
 1870 Lophodonta ferruginea m.
 1873 Feltia venerabilis
 1874 Euxoa tessellata
 1875 Dasypodaea lucens
 1879 Heliothis armiger
 1876 Agnomonia anilis
 1881 Plathypena scabra

Row 9

1883 *Cochlidion y-inversa*
 1885 _____
 1886 *Mamestra renigera* f.
 1887 *Tricholita signata* v.
 1888 _____
 1877 *Hyamia perditalis*
 1889 _____
 1890 _____
 1891 _____
 1892 _____
 1893 _____
 1894 _____
 1895 _____
 1896 *Mamestra renigera* m.
 1897 _____
 1882 *Hadena brighami*

Row 10

1878 *Euthisanotia unio*
 1898 _____
 1899 _____
 1900 _____
 1901 *Hyopa xylinoides* m.
 1902 _____
 1903 _____
 1904 _____
 1905 _____
 1906 _____
 1907 _____
 1880 *Homoptera unilineata* var.

Frame 55 (read vertically)

Row 1

1799 Papilio polydorus
1708 Papilio polytes v. elyros f.
1791 Papilio polyphontes ♂¹

Row 2

1706 Papilio polytes v. praxilla f.
1793 Papilio aristolochiae v. diphilus
1785 Papilio coon v. cachariensis

Row 3

1796 Papilio polydorus v. godartianus
1807 Papilio nephelus v. uranus
1789 Papilio fuscus

Row 4

1761 Papilio jophon f.
1803 Papilio aristolochiae v. antiphus
1801 Papilio ambrax v. ambracia
1786 Papilio clytia v. panope

Frame 56 (read vertically)

Row 1

1782 Papilio fuscus v. capaneus ♂
1811 Papilio delalandei m.
1779 Papilio gigon

Row #2

1769 Papilio euchenor
1764 Papilio severus
1802 Papilio polytes v. pammon m.

Row 3

1767 Papilio aegaeus v. ormenus
1780 Papilio dardanus v. tibullus
1776 Papilio nephelus

Row 4

1794 Papilio dardanus m. var.
1781 Papilio dardanus v. merope f.
1783 Papilio sataspes

Row 1

1778 Papilio memnon v. distantianus f.
1812 Papilio memnon v. m.
778 Papilio hector m.

Row 2

1767 Papilio memnon v. anura
773 Papilio memnon v. m.
1107 Papilio philoxenus v. interpositus

Row 3

1305 Papilio memnon v. alcanor m.
1759 Papilio asacalaphus m.
732 Papilio aristolochiae m.

Between Rows 2 & 3 at bottom

4071 Papilio philoxenus v. polyeuctes m.

Frame 58 (read vertically)

Row 1

1915 Papilio helenus v. daksha f.
1927 Papilio endochus
1909 Papilio helenus v. daksha m.

Row 2

1922 Papilio bairdii v. hollandi
1913 Papilio cresphontes f.
1917 Papilio nireus v. lyaeus

Row 3

1926 Papilio maacki
1912 Papilio zagreus
1925 Papilio bianor v. dehaani m.

Between Row 2&3 -Center top

1924 Papilio colonna

Row 4

1920 Papilio constantinus
1908 Papilio marcellus v. floridensis m.
1923 Papilio alcinous f.

Frame 59 (read vertically)

Row 1

1934 Papilio helena v. cerebus fem. f: gypsothelia
1935 Papilio amphimedon fem. (form of helena?)

Row 2

1936 Papilio hypolitus fem.
1937 Papilio amphrysus v. flavicollis f: actinotia fem.

Row 3

1938 Papilio helena v. oblongomaculatus fem.
1939 Papilio amphrysus v. flavicollis f: olympia fem.

(These are sometimes grouped under the sub-Order, Ornithoptera
or "Bird-wings")

Frame 60 (read vertically)

Row 1

806 Papilio aeacus m.
805 Papilio rhadamanthus m.
724 Papilio helena v. cerebus m.

Row 2

1940 Papilio helena var. fem.
1941 Papilio helena v. propinquis fem.
1942 Papilio helena v. hephaestus var: Lucinda

Row 3

1943 Papilio helena m.
1944 Papilio helena f.
1945 Papilio amphrysus v. ruficollis m.

Frame 61 (read vertically)

Row 1

1946 Papilio amphrysus v. flavicollis m.
1947 Papilio helena v. hephaestus f. var.
1109 Papilio aeacus v. kaguya fem

Row 2

1225 Papilio helena v. hephaestus m.
1949 Papilio helena v. hephaestus fem. var. lygea
1948 Papilio helena v. hephaestus male var.

Row 3

1952 Papilio darsius m.
1951 Papilio helena v. isara m.
1950 Papilio criton m.

Row 1

1961 Cethosia cyane m.
1962 Cethosia cyane f.
1963 Cethosia chrysippe v. ino m.
1964 Cethosia chrysippe v. ino f.

Row 2

1965 Cethosia biblis m.
1966 Cethosia biblis f.
1967 Cethosia biblis f. var.
1968 Cethosia hypsea m.

Row 3

1969 Cethosia chrysippe v. bernsteini m.
1970 Cethosia chrysippe v. bernsteini f.
1971 Cethosia biblis v. insularis var.
1972 Cethosia biblis v. insularis var.

Row 4

1973 Cethosia biblis v. javana
2008 Cethosia biblis v. sandakana m.
2009 Cethosia biblis v. sandakana f.
2010 Cethosia chrysippe v. cydippe m.

Row 5

1985 Cethosia hypsea var.
2011 Abrota ganga v. jumna m.
2012 Rhaphicera satricus m.
2013 Rhaphicera satricus f.
2014 Cupha erymanthis var.

Frame 63 (read vertically)

Row 1

1995 Parthenos sylvia v. sumatrensis?
1996 Parthenos sylvia m.
1997 Parthenos sylvia f.
1998 Parthenos sylvia v. ellina

Row 2

1999 Parthenos sylvia v. fusciplena
2000 Parthenos sylvia v. gambriseus m.
2001 Parthenos sylvia v. gambriseus f.

Row 3

2002 Parthenos sylvia v. obiana
2003 Parthenos sylvia v. brunnea
2004 Hestia jasonia v. m.

Row 4

2005 Hestia lynceus v. fumata
2006 Hestia lynceus v. favorinus
2007 Hestia jasonia

Frame 64 (read vertically)

Row 1

1986 Hestia hypermnestra var.
1987 Hestia blanchardi
1988 Hestia lynceus v. niasica m.

Row 2

1989 Hestia leuconoe m.
1990 Hestia leuconoe v. obscura? m.
1991 Hestia leuconoe v. obscura? f.

Row 3

1992 Hestia idaea f.
1993 Hestia d'urvillei v. aruna m.
1994 Hestia d'urvillei m.

Row 1 ¶

2015 Taenaris urania v. jairia f.
2016 Taenaris selene v. macrops f.
2017 Taenaris selene v. macrops f. var.

Row 2

2018 Taenaris arthemis m. var.
2019 Taenaris urania v. jairia m.
2020 Taenaris diana var.

Row 3

2021 Taenaris demona var. m.
2022 Taenaris myops f.
2023 Taenaris catops m.
2024 Taenaris selene v. macrops m.

Row 4

2025 Taenaris catops var.
2026 Taenaris catops var.
2027 Thaumantis diodes m.

Frame 66 (read vertically)

Row 1

2028 Euthalia lubentina f.
2033 Euthalia lubentina m.
2029 Euthalia franciae v. raja
2030 Tanaecia pelea var. m.
2031 Euthalia duda m.

Row 2

2032 Euthalia duda f.
2034 Euthalia garuda f.
2035 Euthalia lepidea
2036 Euthalia julii v. appiades fem.
2037 Euthalia julii v. appiades m.

Row 3

2038 Euthalia diardi
2039 Euthalia cocytina v. blumei m.
2040 Helcyra hemina v. masinia fem.
2041 Helcyra hemina v. masinia male
2042 Euthalia julii v. adima m.
2043 Euthalia kesava m.

Row 4

2044 Euthalia telchinia f.
2045 Euthalia telchinia m.
2046 Euthalia vasanta fem.
2047 Euthalia phemius m.
2048 Euthalia phemius f.

Row 5

2049 Euthalia garuda v. acontius m.
2050 Euthalia julii v. indochinensis f.
2051 Euthalia jahnu fem.
2052 Euthalia kesava fem. var.
2053 Euthalia garuda m.

Row 6

2054 Euthalia jama m. var.
2055 Euthalia alpheda f.
2056 Euthalia nais m.
2059 Euthalia nais f.
2057 Mandarinia regalis m.

Row 1

2058 Satyrus circe f.
2060 Satyrus padma var.
2061 Satyrus padma v. loha m.
2062 Satyrus circe v. asiatica m.
2063 Terinos tethys v. udaio

Row 2

2064 Melanitis leda v. africana var.
2065 Terinos clarissa v. malayana
2066 Eronia cleodora
2067 Precis actia
2068 _____ ?

Row 3

2069 Pandita sinope m.
2070 Pandita sinope f.
2071 Satyrus briseis m.
2072 Pandita imitans
2073 Amnosia decora v. decorina f.

Row 4

2074 Mycalesis duponcheli v. umboina male
2076 Mycalesis duponcheli v. umboina fem.
2075 Lethe marginalis f.
2077 Anadebis himachala
2078 Lethe butleri

Row 5

2079 Apaturina papuana f.
2080 Faunis aérope v. excelsa m.
2081 Callerebia polyphemus m.
2082 Callerebia polyphemus f.

Row 6

2083 Parage maera v. schakra m.
2084 Parage maera v. schakra f.
2085 Mycalesis mamerta v. malsara
2086 Mycalesis terminus var.
2087 Lethe verma v.
2088 Mycalesis francisca v. perdiccas var
2089 Callerebia nirmala

Frame 68 (read vertically)

Row 1

2090 Mycalesis terminus var.
2091 Mycalesis terminus v. wakolo
2092 Mycalesis terminus m.
2093 Mycalesis terminus f.
2094 Mycalesis terminus m. var.
2095 Mycalesis terminus f. var.
2096 Mycalesis francisca v. formosana m.
2097 Ypthima motschulskyi v. multistriata

Row 2

2098 Henotesia fraterna m.
2099 Mycalesis patnia m.
2100 Mycalesis patnia f.
2101 Erebia nipponica var.
2102 Ypthima sertorius
2103 Ypthima sertorius var.
2104 Ergolis alcippine
2105 Atella alcippe var. fem.
2106 Atella alcippe var. male

Row 3

2107 _____ ?
2108 Faunus arcesilaus m.
2109 Parage eversmanni m.
2110 Xenica achanta
2111 Pareba vesta
2112 Nymphalis io v. geisha
2113 Polygonia c-album v. hemigera

Row 4

2114 Vanessa indica
2115 Sephis dichroa f.
2116 Polygonia l-album v. samurai
2117 Precis octavia v. sesamus
2118 Nymphalis xanthomelas v. japonica female
2119 Euthalia aetes var.

Row 5

2120 Hypolimnas dubia var.
2121 Euploea koxinga
2122 Euploea malayica f.
2123 Euploea distant
2124 Euploea modesta v. buxtoni?

Row 6

2125 Ideopsis vitrea v. chloris m.
2126 Danais tytia v. nipponica
2127 Papilio agestor
2128 Ideopsis vitrea m.
2129 Euripus halitherses var.

Row 1

2130 Tachyris indra m.
 2131 Tachyris leptis v. festrada (male: dry form)
 2132 Tachyris melania v. paulina fem: F: lankapura
 2133 Saletara liberia m.
 2134 Saletara liberia v. chrysoberylla m.
 2135 Tachyris placidia f.
 2136 Saletara cycinna v. chryselectra fem.

Row 2

2137 Tachyris nero fem. var. baweana
 2138 Tachyris nero fem. var. figulina
 2139 Tachyris nero m. v. ramosa
 2140 Tachyris nero male
 2141 Tachyris nero var.
 2142 Saletara cycirma var. v. chryselectra m.

Row 3

2143 Tachyris celestina v. galerus m.
 2144 Tachyris celestina v. barea male
 2145 Tachyris celestina v. galepsus m.
 2146 Saletara cycinna m. (form)
 2147 Tachyris nero m. var. domitia
 2148 Tachyris nero m. var. domitia (dk form)

Row 4

2149 Tachyris zarinda m. (light form) var. of T. Nero.
 2150 Tachyris zarinda m. (dark form)
 2151 Tachyris celestina fem.
 2152 Tachyris celestina f. v. barea fem.
 2153 Tachyris lalage fem. (wet form)

Row 5

2154 Tachyris celestina v. barea fem.
 2155 Tachyris albina v. cithrina f.
 2156 Tachyris albina v. flava f.
 2157 Huphina perimale v. scyllara m.
 2158 Huphina perimale v. scyllara fem.
 2159 Tachyris melania v. paulina f: fasciata fem.
 2160 Tachyris melania v. paulina f: galene fem.

Row 6

2161 Tachyris lyncida v. enarete m.
 2162 Tachyris lyncida v. enarete f.
 2163 Colias erate m.
 2164 Dismorphia medora f.
 2165 Danais pumila m.
 2166 Danais pumila fem.

Row 7

2167 Tachyris melania v. distantii m.
 2168 Tachyris melania v. zoe?
 2169 Tachyris indra v. mahana
 2170 Tachyris melania
 2171 _____ ?
 2172 Tachyris melania male var.
 2173 Eurema hecabe m. var.

Frame 70 (read vertically)

Row 1

2174 *Eurycus cressida* fem.
 2175 *Metaporia largeteau*
 2176 *Metaporia agathon* v. *phryxe*
 2177 *Tachyris lalage* v. *durvasa* fem.
 2178 *Tachyris lalage* var. male (wet season form)

Row 2

2179 *Eurycus cressida* f. (dwarf form)
 2180 *Tachyris lalage* v. *durvasa* m.
 2181 *Tachyris lalage* fem. (dry form)
 2182 *Aporia hippia* v. *sulphurea*
 2183 *Colias erate* fem.
 2184 *Gonepteryx mahaguru* v. *nipponica*

Row 3

2185 *Satyrus palearcticus* v. *iole*
 2186 *Araschnia burejana* v. *fallax* m.
 2187 *Asterocampa clyton* m.
 2188 *Tachyris lyncida* v. *fabiola*
 2189 *Atella aethiopica* male
 2190 *Atella aethiopica* fem.
 2191 *Pontia glauconome* fem.

Row 4

2192 *Anthocaris scolymus*
 2193 *Libythea celtis* v. *celtiodes*
 2194 *Melitaea ambigua* v. *niphona* fem.
 2195 *Melitaea ambigua* v. *niphona* m.
 2196 *Melitaea trivia* m.
 2197 *Melitaea trivia* f.
 2198 *Melitaea didyma* fem. var.
 2199 *Melitaea didyma* v. *meridronalis* fem.
 2200 *Boloria pales* fem var.
 2201 *Teracolus eupompe* fem.

Row 5

2202 *Thaleropis ionia* m.
 2203 *Brenthis gemmata* m. var.
 2204 *Brenthis gong*
 2205 *Brenthis daphne* var. male
 2206 *Brenthis daphne* v. *ochroleuca*
 2207 *Tellervo zoilus* v. *fallax*
 2208 *Anthocaris charltonia* v. *penia* m.
 2209 *Anthocaris charltonia* v. *penia* female
 2210 *Dismorphia medora* m.

Row 6

2211 *Argynnis charlotta* v. *fortuna* m.
 2212 *Argynnis charlotta* v. *fortuna* f.
 2213 (same as above showing under side)
 2214 *Argynnis laodice*
 2215 *Argynnis ruslana* v. *lysiippe* m.
 2216 *Argynnis hyperbius* fem.

Row 7

2217 *Brenthis daphne* v. *rabdia*
 2218 *Luehdorfia puziloi* v. *inexpecta*
 2219 *Luehdorfia puziloi* v. *jezpersis*
 2220 *Ptychandra lorquini* v. *bazilana*
 2221 *Amphidecta* _____ ?
 2222 *Xenandra helius* var.
 2223 *Pterodecta felderi*

Row 1

2224 *Hypocysta osyris*
 2225 _____
 2226 *Hypocysta isis*
 2227 *Acrophthalmia artemis* v. *chione*
 2228 _____
 2229 *Thysonotis caelius*
 2230 _____
 2231 *Allotinus symmenthus* f.
 2232 *Mesosemmia loruhamia* m.
 2233 *Acraea penelope*

Row 2

2234 *Lampides decidia* m.
 2235 *Lampides decidia* f.
 2236 *Lampides rosimon* m.
 2237 *Lampides rosimon* f.
 2238 _____
 2239 *Lampides mindarus*
 2240 *Castalius ethion* m.
 2241 *Castalius ethion* f.
 2244 *Nymphidium lysimon*
 2242 *Allotinus maximus* .
 2243 *Allotinus maximus* var.
 2245 _____
 2246 _____

Row 3

2247 _____
 2248 _____
 2249 _____
 2250 _____
 2251 *Lampides hyphasis* m. var.
 2252 *Lampides hyphasis* m.
 2253 *Maculinea euphemus* m.
 2254 *Maculinea euphemus* fem.
 2255 _____
 2256 _____
 2257 *Lycaena pryri* f.

Row 4

2258 _____
 2259 *Lycaena meleager* v. *ignorata* f.
 2260 *Lycaena meleager* v. *ignorata* f. var.
 2261 *Chiliaria grotea*
 2262 _____
 2263 *Euselasia euriteus*
 2264 *Lycaena dorilis* v. *orientalis* m.
 2265 *Lycaena dorilis* v. *orientalis* var.
 2266 _____
 2267 _____
 2268 _____
 2269 *Horaga onyx* f.
 2270 _____

Row 5

2271 *Thysonotis drucei* fem.
 2272 *Thysonotis apollonius* m.
 2273 *Lampides boeticus* m.
 2274 *Talicauda nyseus* fem.
 2275 *Lycaena palsimon* ?
 2276 *Lampides celeno* v. *zebra*
 2277 _____
 2278 *Theope pedias*
 2279 *Zephyrus quercus* m.
 2280 _____
 2281 *Erantiauma falkeusteinii*

Row 6

2282 _____
 2283 *Lycaena thetis*
 2284 *Lycaena ochimus*
 2285 _____
 2286 _____
 2287 _____
 2288 _____
 2289 _____
 2290 _____
 2291 _____
 2292 _____
 2293 _____

Row 7

2294 _____
 2295 _____
 2296 *Philotes sonorensis*
 2297 _____
 2298 *Lampides lyseas* f.
 2299 *Lampides lyseas* m.
 2300 _____
 2301 _____
 2302 *Lampides boeticus* m.
 2303 *Lampides boeticus* f.
 2304 _____
 2305 _____
 2306 _____
 2307 _____
 2308 _____

(continued on next page)

Row 8

2309 _____
2310 _____
2311 _____
2312 _____
2313 _____
2314 _____
2315 _____
2316 _____
2317 _____
2318 _____
2319 _____
2320 _____
2321 _____
2322 *Lycaena astrarche* v. *calida*
2323 _____

Row 9

2324 _____
2325 _____
2326 _____
2327 _____
2328 _____
2329 *Allotinus major* var. f. (small form)
2330 *Allotinus major* fem.
2331 *Ialmenus evagoras* m.
2332 *Ialmenus evagoras* f.
2333 _____
2334 _____

Row 10

2335 *Neozephyrus taxila* v. *japonica* m.
2336 *Neozephyrus taxila* v. *japonica* f.
2337 _____
2338 _____
2339 *Rapala tara* ?
2340 *Aphnaeus ictis*
2341 _____
2342 *Tajuria valentia*
2343 *Tajuria jehana* male
2344 _____
2345 _____

Row 11

2346 *Rapala musra* ?
2347 _____
2348 *Strymon togarna* v. *lincoides* m.
2349 *Strymon togarna* v. *lincoides* m. var.
2350 _____
2351 *Poritia hewitsoni*
2352 _____
2353 *Tajuria jehana* fem.
2354 _____
2355 _____
2356 *Surrendra quercetoeram* ?

Row 1

2357 _____
 2358 _____
 2359 *Tajuria luculentus* m.
 2360 *Aphnaeus lohita*
 2361 _____
 2362 _____
 2363 _____
 2364 *Aphnaeus lohita* v. *zoilus*
 2365 _____
 2366 *Antigius attilia* m.

Row 2

2367 _____
 2368 _____
 2369 _____
 2370 *Tajuria illergas*
 2371 *Rapala buxaria* ?
 2372 *Jolaus phillippiens*
 2373 *Ilerda epicles* m.
 2374 *Ilerda epicles* f.
 2375 _____
 2376 _____

Row 3

2377 _____
 2378 *Araotes lapithis* v. *uruwela*
 2379 _____
 2380 *Hypolycaena etolus* m.
 2381 *Hypolycaena etolus* f.
 2382 _____
 2383 _____
 2384 *Rapala melampus* m.
 2385 _____

Row 4

2386 _____
 2387 *Ilerda moorei* v. *marica* f.
 2388 *Japonica saepestriata*
 2389 _____
 2390 _____
 2391 _____
 2392 _____
 2393 *Curetis discalis*

Row 5

2394 _____
 2395 _____
 2396 *Deudorix epijarbas* m.
 2397 *Deudorix epirus* v. *mandli* m.
 2398 *Deudorix epirus* v. *mandli* f.
 2399 _____
 2400 _____
 2401 _____
 2402 _____

Row 6

2403 _____
 2404 _____
 2405 _____
 2406 *Irvata maecenas*
 2407 *Helicopis cupido* f.
 2408 *Helicopis cupido* m.
 2409 _____
 2410 _____
 2411 _____

Row 7

2412 *Arhopola amantes*
 2413 _____
 2414 _____
 2415 _____
 2416 *Tajuria indra*
 2417 _____
 2418 *Ilerda ada*?
 2419 _____
 2420 _____
 2421 _____

Row 8

2422 _____
 2423 _____
 2424 _____
 2425 _____
 2426 _____
 2427 _____
 2428 _____
 2429 _____
 2430 *Sithon nedymond*
 2431 _____

Row 9

2432 _____
 2433 _____
 2434 _____
 2435 _____
 2436 _____
 2437 _____
 2439 _____
 2440 _____
 2441 _____
 2442 _____

Row 1

1702 Parnassius glacialis v. mikado
1704 Parnassius apollo v. candidus m.
1658 Parnassius apollo fem
1703 Parnassius glacialis m.
2443 Parnassius glacialis f.

Row 2

1911 Papilio crassus m.
1919 Papilio ulysses v. joesa m.
1556 Papilio zalmoxis m.

Row 3

2444 Papilio ilioneus v. amynthor f.
2445 Papilio bathycles v. chiron m.
2446 Papilio bathycles v. chiron f.
2447 Papilio machaon v. sikkimensis m.
2448 Papilio machaon v. sikkimensis f.

Row 4

2449 Papilio nomius
2450 Amauris echeria var.
2457 Amauris echeria v. jacksoni male
2451 Papilio thule?
2452 Papilio macfarlanei

Row 5

2453 Papilio gelon
2454 Papilio glycerion v. mandarinus
2455 Papilio epiphorbas
2456 Papilio doson v. rubroplaga

Frame 74 (read vertically)

Row 1

2473 Papilio aegeus m.
2474 Papilio erechtheus fem.
1777 Papilio sataspes fem

Row 2

2475 Papilio ambrax v. egipius
2476 Papilio clytia v. dissimilis fem
2477 Papilio cyrnus
2478 Papilio demodocus fem.

Row 3

2479 Papilio varuna fem
2480 Papilio clytia v. panope var.
2481 Papilio severus fem.

Row 4

2482 Papilio memnon v. venusia
2483 Papilio memnon v. achates fem.
2484 Papilio memnon v. laomedon

Row 1

- 2458 Papilio polycitor v. ganessa f.
- 2459 Papilio veiovis
- 2460 Papilio bianor f.

Row 2

- 2461 Papilio gyas f.
- 2462 Papilio paris f.
- 2463 Papilio dardanus v. meriones f.

Row 3

- 2464 Papilio payeni v. evan f.
- 2465 Papilio menestheus v. ophidicephalus
- 2466 Papilio rhetenor f.

Row 4

- 2467 Papilio fuscus v. capaneus f.
- 2468 Papilio aristolochiae v. kotzebuea
- 2469 Papilio aristolochiae v. asterius
- 2470 Papilio polydorus v. napelii

Frame 76 (read vertically)

Row 1

2485 Papilio memnon m.
2486 Papilio jophon m.
2487 Papilio memnon v. agenor f.

Row 2

2488 Papilio helenus f.
2489 Papilio deiphobus f.

Row 3

2490 Papilio arcturus f.
2491 Papilio rumanzovia f.
2492 Papilio rumanzovia v. semperinus f.

Frame 77 (read vertically)

Row 1

2493 Papilio polytes v. pammon f. var.
2500 Papilio aristolochiae v. ceylonicus
2495 Papilio polytes v. pammon f.
2496 Papilio polytes v. pammon f: javanus fem.

Row 2

2497 Papilio polytes var. F: romulus
2508 Papilio belus v. amazonicus
2494 Papilio polytes v. pammon f: ceylanicus

Row 3

2501 Papilio aristolochiae v. antiphus
2502 Papilio ambrax v. epirus male var.
2503 Papilio ambrax v. epirus male var.
2504 Papilio aristolochiae fem. var.

Row 4

2505 Papilio aristolochiae fem.
2511 Papilio madyes v. chlorodamas f.
2509 Papilio warscewiczii v. mercedes

Row 5

2506 Papilio gundlarchiensis m.
2510 Papilio madyes v. chlorodamas m.
2498 Papilio polytes v. theseus f: theseus fem.
2499 Papilio polytes v. pammon fem. var.

Frame 78 (read vertically)

2471 Actias maenas (male) (CENTER)

2472 Actias maenas v. latona (left & right are both males)

VERY RARE SPECIMENS

From

Celebes Islands Area

Frame 79 (read vertically)

Row 1

2515 Euploea corus v. nikrion f.
1718 Euploea corus v. phoebus m.
1717 Euploea corus v. celebica
2516 Euploea picina v. inaequalis f.

Row 2

2517 Euploea leucostictos m.
2518 Euploea leucostictos v. vestigiata
2519 Euploea midamus fem.
2520 Euploea midamus m.
2521 Hypolimnas alimena m. var.

Row 3

2522 Euploea climena
2523 Euploea eleutho v. corinna fem.
2524 Euploea crameri v. niasica
2525 Euploea picina v. inaequalis m.
2526 Hypolimnas pandarus m.

Row 4

2527 Euploea tulliolus m.
2528 Euploea tulliolus f.
2529 Euploea diocletianus v. schreiberi
2530 Hypolimnas bolina v. kezia fem.
2531 Hypolimnas octocula ?

Row 5

2532 Zeuxida amethystus v. wallacei
2533 Euploea wallacei m.
2534 Hypolimnas antilope m.
2535 Hypolimnas antilope f.

Row 1

133 Kallima inachus m.
2514 Kallima inachus f.

Row 2

Kallima inachus fem. wings folded
Kallima inachus male wings folded
(Note: perfect camouflage as "Dead Leaves")

Row 3

2513 Kallima inachus v. spiridiva f.
2512 Kallima paralecta f.

Frame 81 (read vertically)

Row 1

2598 Hypolimnas bolina v. jacintha f.
2599 Hypolimnas pandarus f.
2600 Hypolimnas bolina v. eriphile f.
2601 Hypolimnas bolina v. eriphile m.

Row 2

2602 Hypolimnas bolina v. iphigenia f.
2603 Hypolimnas bolina v. lisianassa f.
2604 Hypolimnas bolina v. lisianassa m.
2605 Hypolimnas bolina v. kezia male var.

Row 3

2606 Hypolimnas alimena f.
2607 Doleschallia australis f. var.
2608 Doleschallia australis m. var.
2609 Doleschallia bisaltide v. borneensis f.

Row 4

2610 Doleschallia bisaltide v. polibete m.
2611 Doleschallia bisaltide f. var.
2612 Doleschallia bisaltide v. polibete fem
2613 Doleschallia bisaltide v. celebensis

Row 5

2614 Doleschallia bisaltide m. var.
2615 Doleschallia bisaltide f. var.
2616 Doleschallia bisaltide v. polibete m. var.
2617 Doleschallia australis m. var.

Row 1

2553 Euschema nomana
 2554 Euschema mars
 2555 Eusemia distincta f.
 2556 Eusemia nipalensis m.
 2557 Euschema maculatrix
 2559 Eusemia dentatrix f.

Row 2

2558 Eusemia latimargo
 2560 Eusemia sectinotis fem.
 2561 Eusemia westwoodi m.
 2562 Eusemia communis f.
 2563 Euschema viatrix m.
 2564 Eusemia victrix f.

Row 3

2565 Eterusia circinata
 2566 Dysphania nigromarginata
 2567 Eusemia mundina
 2568 Euschema dentatrix
 2569 Mimeusemia ceylonica
 2570 Cyclosia papilionaris f.
 2571 Hista rhodope v. buruensis

Row 4

2572 _____ ?
 2573 Eumelia vulpinaria
 2574 Pidorus glaucopis
 2575 Ischyja manila m.
 2576 _____ ?
 2577 _____ ?

Row 5

2578 Ophideres tyrannus m.
 2579 _____ ?
 2580 Ophideres fullonica m.
 2581 Ophideres _____ ?
 2582 Ophideres hypermnestra

Frame 83 (read vertically)

Row 1

2583 Nyctipao crepuscularis f. var
2584 Nyctipao crepuscularis f.
2585 Nyctipao crepuscularis m.
2586 Nyctipao crepuscularis m. var.

Row 2

2587 Angelica tyrrhea m.
2588 Angelica tyrrhea f.
2589 Nyctipao albicinctus v. obnubilata
2590 Patula macrops f.

Row 3

2591 _____ ?
2592 Leopa katinka m.
2593 Leopa katinka f.
2594 _____ ?

Row 4

2595 Gynanisa maja
2596 Philosamia cynthia var. male
2597 Antherea naphia m.

Frame 84 (read vertically)

Row 1

2546 _____ ?
2545 Antherea paphia f.
2547 Calliodes rubripicta

Row 2

2548 Antherea cynthia f.
2549 Antherea yamamai
2550 Antherea knyveti f.

Row 3

2551 Patula macrops m.
2552 Tyrrhena _____ ?
1143 Antherea paphia v. mylitta fem.

Frame 85 (read vertically)

Row 1

2540 Nyctalemon patroclus m.
2543 Nyctalemon phyllodes f.

Row 2

2541 Nyctalemon patroclus f.
2542 Nyctalemon phyllodes m.

Bottom center

2544 Nyctalemon phyllodes var.

Frame 86 (read vertically)

Row 1

2536 Nyctalemon zampa m.
2539 Nyctalemon orontes f.

Row 2

2537 Nyctalemon zampa f.
2538 Nyctalemon orontes m.

Frame 87 (read vertically)

Row 1

2618 Antherea cincalesa?
2619 Antherea cynthia m.*
2620 ?

Row 2

2621 Antherea knyveti m.
1357 Citheronia laocoon f.
2622 Phyllodes consobrima

Row 3

2624 Sphinx panopus f.
2623 Sphinx panopus m.
2625 Meganoton analis
2626 Hippotion celerio

Row 4

2624 Part of space on row #3
2627 Theretra alecto
2628 Pachylia resumens
2629 Erinnyis lassauxi var.

Frame 88 (read vertically)

Row 1

2630 _____ ?
2631 *Cechenena lineosa* f.
2632 _____ ?
2633 _____ ?
2634 _____ ?

Row 2

2635 *Eurypterx bagha*
2636 *Hippotion velox*
2637 *Erinnyis crameri* fem.
2638 _____ ?
2639 _____ ?

Row 3

2640 *Hippotion boerhaviae*
2641 _____ ?
2642 _____ ?
2643 _____ ?
2644 *Xylophanes tersa* m.
2645 *Epistor ocypete*

Row 4

2646 _____ ?
2647 *Theretra nesus* m.
2648 *Daphnis hypothous*
1361 *Pholus anchemolus*

Row 5

2649 _____ ?
2650 _____ ?
2651 *Hyloicus drupiferarum* fem.
2652 *Hyloicus drupiferarum* m.
2653 _____ ?
2654 *Cechenena lineosa*- m.

Frame 89 (read vertically)

Row 1

2655	Dolba hylaeis m.	
2656	Dolba hylaeis f.	
2657	Choerocampa oldenlandiae	
2658		?
2659	Macroglossum fringilia	
2660		?
2661		?
2662	Lapara bombycoides	

Row 2

2663	Cephenodes hyloe	
2664	Cephenodes hylas	
2665	Sataspes infernalis	
2666	Macroglossum belis	
2667	Peregonia lusca m.	
2668	Nyrceyx erecea	
2669		?

Row 3

2670	Erinnyis oenotrus	
2671		?
2672	Hemeroplanes parce fem	
2673		?
2674	Epistor lugubris var.	
2675		?

Row 4

2676		?
2677	Deilephila minina	
2678	Erinnyis lassauxa m. var.	
2679	Erinnyis lassauxa f. var.	
2680	Pachysphinx cristata	

Row 5

2681		?
2682	Ate jovianus	
2683	Satarupa sambara fem.	
2684		?
2685		?
2686		?
2687	Satarupa gopala fem.	

Frame 90 (read vertically)

Row 1

2688 Adelpha metama
2689 Adelpha massilia
2690 Adelpha diademeta
2691 Adelpha aea
2692 Adelpha ernestina
2693 Adelpha leucoptera

Row 2

2694 Adelpha ximena
2695 Limenitis zayla
2696 Adelpha agilla
2697 Stibochiona coresia v. rothschildi m.
2698 Stibochiona nicea (dry form)
2699 Stibochiona nicea (wet form)

Row 3

2700 Zethera incerta
2701 Euthalia tenta fem
2702 Limenitis danava
2703 Euthalia dirtea v. gigantea m.

Row 4

2704 Euthalia dirtea v. khasiana m.
2705 Euthalia dirtea m.
2706 Euthalia dirtea fem.
2707 Opsiphanes aorsa

Row 5

2708 Symbrenthia hypselis
2709 Precis rhadama
2710 Epiphile hubneri m.
2711 Cupha prosope
2712 Araschnia prorsoides m.
2713 Cupha lampetia v. mirona m.

Row 6

2714 Tanaecia pelea var.
2715 Nessaea hewitsoni fem.
2716 Charaxes lichas
2717 Cupha lampetia f.
2718 Cupha lampetia m.
2719 Ogyris genoveva

Row-1

2720 *Vanessa caschmirensis*
2721 *Vanessa caschmirensis* v. *aesis*
2722 *Polygonia c-album* var.
2723 *Neptis hylas* var.
2724 *Adelpha helepecki* f.
2725 *Adelpha levicula*
2726 *Adelpha helepecki* m.

Row 2

2727 *Polygonia l-album* var.
2729 *Kaniska canace* v. *charonia*
2730 *Kaniska canace* v. *haronica*
2731 *Limenitis daraxa* m.
2732 *Adelpha alala* v. *praecaria*
2733 *Limenitis procris* v. *neutra* m.

Row 3

2734 *Chlorippe griseldis* var.
2735 *Adelpha lerna* v. *aeolia* var.
2736 *Limenitis procris* v. *neutra* f.
2737 *Limenitis calidasa* f.
2738 *Limenitis calidasa* m.
2739 *Limenitis calidasa* m. var.

Row 4

2740 *Limenitis procris* f.
2741 *Epinephele abeona* m.
2742 *Lebadea ismene*
2743 *Euthalia tenta* m.
2744 *Tanaecia tripartita* m. var.
2745 *Tanaecia peleia* var.

Row 5

2746 *Euphaedra sarita*
2747 *Euphaedra xypete*
2748 *Euphaedra ravola* f.
2749 *Cyrtothoe therdata*
2750 *Lebadea ismene* v. *attenuata*?

Frame 92 (read vertically)

Row 1

- 2751 Elymnias malelas fem.
2752 Elymnias leucocyma fem.
2753 Elymnias malelas m.
2754 Elymnias leucocyma m.
2755 Elymnias patna m.

Row 2

- 2756 Elymnias nesaea f.
2757 Elymnias nesaea m.
2758 Elymnias timandra m.
2759 Elymnias timandra f.
2760 Elymnias casiphone f.
2761 Elymnias casiphone m.

Row 3

- 2762 Elymnias caudata f.
2763 Elymnias hypermnestra v. undularis fem.
2764 Elymnias caudata m.
2765 Elymnias singhala m.
2766 Elymnias fraterna m.

Row 4

- 2767 Elymnias ino m.
2768 Elymnias hypermnestra v. undularis m.
2769 Elymnias cybele m.
2770 Elymnias cybele f.
2771 Elymnias vitellia

Row 5

- 2772 Euripus halitherses v. cinnamoneus fem.
2773 Discophora tullia m.
2774 Discophora celinda
2775 Discophora bambusae
2776 Orinoma damaris

Frame 93 (read vertically)

Row 1

2777 *Melanitis leda* v. *destitans*
2778 *Melanitis leda* var.
2779 *Melanitis leda* var.
2780 *Melanitis belinda* fem. var.
2781 *Melanitis zitenius* v. *zenon*

Row 2

2782 *Melanitis leda* v. *bankia*
2783 *Melanitis leda* v. *dominans*
2784 *Melanitis leda* v. *ismenides* m.
2785 *Melanitis atrax*
2786 *Melanitis leda* v. *palliata*

Row 3

2787 *Melanitis constantia* v. *dictatrix* fem.
2788 *Melanitis constantia*
2789 *Melanitis pyrrha* v. *hylecoetes* fem.
2790 *Melanitis velutina* m.

Row 4

2791 *Melanitis zitenius* v. *zenon* ?
2792 *Melanitis belinda* var. male
2793 *Melanitis leda* v. *ismene*
2794 *Lethe arete* v. *arcuata* fem.
2795 *Lethe arete* v. *arcuata* male

Row 5

2796 *Lethe insana* v. *dinarbas*
2797 *Lethe sidonis*
2798 *Lethe rohria* f.
2799 *Lethe rohria* m.
2800 *Lethe chandica* m.
2801 *Lethe verma* v. *stenopa* fem.

Frame 94 (read vertically)

Row 1

2802 Lethe europa m.
2803 Lethe europa f.
2804 Lethe sura
2805 Lethe manthara f.
2806 Lethe manthara m.
2807 Lethe maroni

Row 2

2808 Lethe drypetis f.
2809 Lethe sinorex
2810 Lethe mekara m.
2811 Lethe drypetis m.
2812 Lethe dyrta m.
2813 Lethe verma v. stenopa m.

Row 3

2814 Lethe baucis m.
2815 Issoria sinha v. offaka
2816 Issoria sinha var.
2817 Issoria sinha
2819 Cupha erymanthus m.
2820 Cupha erymanthus f.

Row 4

2821 Neorina lowi v. pupillata m.
2822 Neorina hilda m.
2823 Abrota ganga f.
2824 Abrota ganga v. jumna
2825 Herona marathus f.

Row 5

2826 Cupha erymanthus v. fem.
2827 Cupha placida
2828 Cirrochroa malaya v. calypso
2829 Melanitis amabilis v. valentina m.
2830 Rhinopalpa polynice

Frame 95 (read vertically)

Row 1

2818 Yoma sabina m.
2831 Yoma virgota f.
2832 Yoma sabina v. atomaria
2833 Neope yama

Row 2

2834 Yoma sabina m. var.
2835 Yoma sabina f.
2836 Enispe cycnus v. verbanus
2837 Enispe euthymius

Row 3

2838 Neope bhadra
2839 Neope pulaha
2840 Sephisa dichroa v. chandra
2841 Dichorragia nesimachus m.
2842 Dichorragia nesimachus f.

Row 4

2843 Precis iphita f.
2844 Precis hedonia v. velima f.
2845 Precis hedonia v. velima m.
2846 Precis hedonia v. ida var.
2847 Precis iphita v. cebara
2849 Precis hedonia m.

Row 5

2850 Precis hedonia v. ida m.
2851 Precis hedonia f.
2852 Vanessa itea var.
2853 Abisara fylla
2854 Abisara neophron

Frame 96 (read vertically)

Row 1

2848 Catopsilia crocale f: flava female
2855 Catopsilia crocale fem.
2856 Catopsilia pomona v. hinda fem
2857 Catopsilia pyranthe m.
2858 Catopsilia pomona v. hinda male
2859 Dercas wallachi v. lycorias m.
2860 Huphina aspasia v. hester

Row 2

2861 Catopsilia crocale v. jugurtha fem
2862 Catopsilia crocale v. celebica
2863 Catopsilia pomona v. hilaria m.
2864 Catopsilia pomona v. bidotata
2865 Catopsilia florella v. rhadia
2866 Teracolus achine v. gavisia var.

Row 3

2867 Catopsilia crocale v. ostentata fem.
2868 Catopsilia florella fem.
2869 Catopsilia crocale m. var.
2870 Catopsilia scylla fem.
2871 Catopsilia scylla v. sidra m.
2872 Teracolus amata v. modesta fem.

Row 4

2873 Catopsilia pomona v. catilla var.
2874 Dercas verheulli v. doubledayi m.
2875 Dercas verhuelli v. doubledayi f.
2876 Huphina nerissa v. phryne fem.
2877 Huphina nerissa fem.
2878 Tachyris nephele m.

Row 5

2879 Catopsilia pomona v. catilla fem.
2880 Hebomia glaucippe v. vossii m.
2881 Hebomia glaucippe fem.
2882 Anteos clorinde fem.

Frame 97 (read vertically)

Row 1

2883 Ixias pyrene v. rhexia m.
2884 Ixias pyrene v. undatus m.
2885 Mathania esther
2887 Hebomia glaucippe v. roepstorffi
2886 Delias agostina f.

Row 2

2888 Ixias pyrene v. cingalensis m.
2889 Ixias pyrene v. tonkiniana m.
2890 Ixias marianne m.
2891 Ixias marianne v. arnivena m.
2892 Ixias pyrene v. kausala m.
2893 Ixias pyrene v. aenippe f.
2894 Gandaca harina

Row 3

2895 Hebomia glaucippe v. borneensis m.
2896 Hebomia glaucippe v. ceylonica m.
2897 Hebomia glaucippe v. lombokiana m.
2898 Metaporis larraldei v. melania
2899 Metaporis agathon

Row 4

2900 Teracolus fausta v. fulvia fem.
2901 Teracolus fausta v. fulvia m.
2902 Teracolus auxo v. topha m. var.
2903 Teracolus auxo fem.
2904 Teracolus etrida m.
2905 Teracolus etrida f.
2906 Anthocaris scolymus m. var.
2907 Anthocaris cardamines v. thibetana f.
2908 Anthocaris bieti m.

Row 5

2909 Delias thysbe v. pyramus
2910 Delias belladonna m.
2911 Prioneris cornelia m.
2912 Delias ennia
2913 Delias dorimene m.

Frame 98 (read vertically)

Row 1

2914 *Anaea offa* m.
2915 *Anaea lineata* m.
2916 *Anaea offa* var.
2917 *Anaea oenomais* m.
2918 *Anaea magdalena*

Row 2

2919 *Anaea sosipus* m.
2920 *Anaea euryphile* m.
2921 *Anaea ryphea* m.
2922 *Anaea erythema* m.
2923 *Anaea placida* f.
2924 *Archonias hynetho* f.

Row 3

2925 *Anaea panariste* f.
2926 *Anaea panariste* m. (RARE)
2927 *Zaretas syene*
2928 *Anaea falcata*
2929 *Dircenna klugii* m.

Row 4

2930 *Anaea appias* v. *appiades*
2931 *Anaea glauce* v. *centralis*
2932 *Anaea vicina*
2933 *Anaea victoria* m.
2934 *Anaea appias*
2935 *Heliconius melpomene* v. *aglaope* var.

Row 5

2936 *Panacea procilla*
2937 *Panacea prola*
2938 *Panacea chalcothea*
2939 *Callithea freyja*
2940 *Callithea deouiseti*

Row 6

2941 *Polygrapha cyanea*
2942 *Catagramma excelsior* var.
2943 *Siderone marthesia* v. *nemesis* var.
2944 *Siderone mars*
2945 *Archonias tereas*

Frame 99 (read vertically)

Row 1

- 2946 Prepona demophon v. extincta fem.
2947 Prepona antimache v. tyrias
2948 Prepona meander v. amphimachus fem.

Row 2

- 2949 Prepona laertes v. autolytus
2950 Prepona meander v. nevis?
2951 Prepona pheridamas v. phila
2952 Prepona meander v. amphimachus m.

Row 3

- 2953 Prepona dexamenus v. krates
2954 Prepona eugenes
2955 Prepona chromus f.
2956 Prepona demophon v. extincta m.

Row 4

- 2957 Agrias sardanapalus v. lugens m. var.
2958 Oosiphanes berecynthia
1024 Euryphanis reevesi

Frame 100 (read vertically)

Row 1

- 2959 Euploea diocletianus v. ramsayi fem.
2960 Euploea diocletianus v. ramsayi m.
2961 Hestina nama
2962 Hypna clytemnestra var.
2963 Precis almana var. (dry form)

Row 2

- 2964 Speyeria aphrodite v. alcestis fem.
2965 Speyeria aphrodite v. alcestis m.
2966 Speyeria idalia m. var.
2967 Speyeria idalia fem.
2968 Adelpha mesentina v. chancha

Row 3

- 2969 Leptocircus meges v. ennius
2970 Eulaceura osteria fem.
2971 Eulaceura osteria m.
2972 Lyropteryx apollonia
2973 Mynes geoffroyi

Row 4

These are the same as Row 5 showing underside coloring.

Row 5

- 2974 Delias aglaia v. grisea
2975 Delias mysis fem.
2976 Delias hyparete v. despoliata m.
2977 Delias hyparete v. hierte var. m.
2978 Prioneris thestylis var.

Row 6

- 2981 Delias isse (underside view)
2982 Delias caeneus (under side view)
1170 Mesene hya
1003 Calydna cea
2979 Erebia orixa
2980 Thisbe molela

Row 7

- 2981 Delias isse m.
2982 Delias caeneus f.
2983 Delias periboëa
2984 Delias mysis m.
1004 Stalachtis phlegia
2985 Ergolis merione f.

Frame 101 (read vertically)

Row 1

2987 Opsiphanes syme
2988 Opsiphanes amphirhoe v. placita
2989 Opsiphanes boisduvalli
2994 Opsiphanes invirae v. isagoras

Row 2

4068 Opsiphanes quiteria v. quirinus f.
4069 Caligo zeuxippus
4070 Opsiphanes tamarindi m. var. incolumis

Row 3

2997 Opsiphanes sallei m.
2998 Opsiphanes ~~tamarindi~~ v. sikyon m.
3003 Opsiphanes tamarindi v. sikyon f.
4067 Opsiphanes quiteria f. var.

Row 1

3005 _____
 3006 *Agrisius ramelana* ?
 3007 *Spilosoma mutiguttata* f.
 3008 *Pseudomiza flava* v. *sanguiflua*
 3009 *Thyatira batis*
 3010 _____
 3011 _____
 3012 _____
 3013 _____
 3014 _____
 3015 _____
 3016 _____
 3017 _____
 3018 *Abraxas orientalis* var.
 3019 _____

Row 2

3020 _____
 3021 *Drepana manleyi*
 3022 _____
 3023 _____
 3024 _____
 3025 _____
 3026 _____
 3027 _____
 3028 *Gaurena florescens*
 3029 _____
 3030 _____
 3031 _____
 3032 _____
 3033 _____
 3034 _____

Row 3

3035 _____
 3036 _____
 3037 _____
 3038 _____
 3039 _____
 3040 *Nyctemera* _____
 3041 _____
 3042 _____
 3043 _____
 3044 _____
 3045 _____
 3046 _____
 3047 *Agathia carissima*
 3048 *Tanaorhinus vittata*

Row 4

3049 _____
 3050 _____
 3051 _____
 3052 _____
 3053 _____
 3054 _____

Row 4 (continued)

3055 *Ophiura albivitta* var.
 3056 *Euproctis staudingeri*
 3057 *Ophiura dulcis* m.
 3058 _____
 3059 _____
 3060 *Tanaorhinus confuciarum* m.
 3061 *Ophiura arcuata*
 3062 _____

Row 5

3063 *Ourapteryx costistrigaria*
 3064 *Ourapteryx sambucaria*
 3065 _____
 3066 *Seudura longipennis*
 3067 *Ophiura praetermissa* f.
 3068 _____
 3069 _____
 3070 _____
 3071 _____
 3072 _____
 3073 _____

Row 6

3074 _____
 3075 *Hypsa lacteata*
 3076 *Artena dotata* m.
 3077 *Epiplema* _____
 3078 _____
 3079 _____
 3080 _____
 3081 _____
 3082 _____
 3083 *Arichanna jaguarum* f.
 3084 _____
 3085 _____

Row 7

3086 _____
 3087 *Symmetrodus tricolor*
 3088 _____
 3089 _____
 3090 _____
 3091 _____
 3092 _____
 3093 _____
 3094 _____
 3095 *Agathia lycaenaria*
 3096 _____
 3097 _____
 3098 _____
 3099 _____
 3100 _____
 3102 _____
 3103 _____

Row 8

3104 *Amblychia angeronaria*
3105 *Amblychia angeronaria* var.
3106 *Amblychia angeronaria* var.
3107 _____
3108 _____
3109 *Thinopteryx crocoptera*

Row 9

3110 _____
3111 _____
3112 *Speiredonia retorta* m.
3113 _____
3114 _____
3115 *Euchera substigmara*
3116 _____
3117 _____

Row 10

3118 _____
3119 *Ourapteryx sambucaria* v. *persica*.
3120 _____
3121 _____
3122 _____
3123 *Chionaema sumatrensis*
3124 _____
3125 _____
3126 _____
3127 _____
3128 *Pachydota fervens*
3129 _____
3130 _____

Row 11

3131 _____
3132 _____
3133 _____
3134 *Arichanna barteli*
3135 _____
3136 _____
3137 _____
3138 _____
3139 _____
3140 _____
3141 *Ophiusa algira*
3142 _____

Row 12

3143 _____
3144 _____
3145 _____
3146 *Naxa textilis*
3147 _____
3148 _____
3149 _____
3150 *Macaria alternata*
3151 _____
3152 _____
3153 _____
3154 *Acropteris iphiata*
3155 _____
3156 _____

Row 1

3157 *Campylotes histrionicus*
 3158 *Chalcusia argentata*
 3159 *Chalcusia idaeoides*
 3160 *Chalcusia hainana*
 3161 _____
 3162 _____
 3163 _____
 3164 _____
 3165 _____
 3166 *Eterusia aedea* var.

Row 2

3167 *Erasmia pulchella*
 3168 _____
 3169 *Eterusia edocla*
 3170 *Eterusia aedea* var.
 3171 *Callimorpha equitalis*
 3172 *Callimorpha* _____?
 3173 _____
 3174 *Callimorpha plagita* var.
 3175 *Callimorpha plagita*
 3176 _____

Row 3

3177 _____
 3178 _____
 3179 *Diacrisia vivida*
 3180 _____
 3181 *Callimorpha fulgida*
 3182 *Composia credula*
 3183 *Argina argus* m.
 3184 *Argina argus* f.
 3185 *Argina argus* var.
 3186 _____
 3187 *Dysphania recessa*

Row 4

3189 *Eterusia sublutea*
 3190 _____
 3191 _____
 3192 *Diacrisia* _____?
 3193 _____
 3194 *Parathria ecuadorina*
 3195 *S* _____? *vacillans*
 3196 *Immetalia saturata* v. *meeki*
 3197 *Immetalia saturata* var.
 3198 *Callimorpha dominula* f.
 3199 *Callimorpha dominula* m.
 3200 *Cruria donowani*

Row 5

3201 *Arctia caja*
 3202 *cyclosia midamia*
 3203 *Cyclosia midamia* v. *hormenia* f.
 3204 *Cyclosia midamia* m. var.
 3205 *STROPHIDIA GEMINEA* ♂
 3206 _____
 3207 *Histia rhodope* m.
 3208 *Histia rhodope* f.

Row 6

3209 *Erasmia sanguiflua*
 3210 *Erasmia aliris* m.
 3211 *Erasmia aliris* f.
 3212 *Pericopis tricolora*
 3213 *Ithomeis aerella*
 3214 *Pericopis grassator*
 3215 _____
 3216 _____

Row 7

3217 *Paيدا pulchra*
 3218 *Rhyparia purpurata*
 3219 *Arctia hebe* var.
 3220 *Parasemia plantaginis* f.
 3221 _____
 3222 _____
 3223 *Chalcophaedra zuleika*
 3224 *Argina argus* f.
 3225 _____
 3226 *Chalcusia venosa* var.
 3227 _____
 3228 _____
 3229 *Aegocera trimeni* f.

Row 8

3230 *Damias varia*
 3231 *Seudyra transiens*
 3232 *Longicella mollis*
 3233 *Psychostrophia melanargia*
 3234 *Pidorus amabilis*
 3235 *Hipocrita jacobaeae*
 3236 *Argina cribraria* m.
 3237 *Argina cribraria* f.
 3238 _____
 3239 _____
 3240 *Composia credula* m.
 3241 *Haploa colona*
 3242 _____
 3243 _____

Frame 103 (continued)

Row 9

3244 _____
3245 _____
3246 _____
3247 _____
3248 _____
3249 *Macrocilix mysticata* _____
3250 _____
3251 _____
3252 _____
3253 _____
3254 *Glyphodes hyalinata* _____
3255 _____
3256 _____
3257 _____
3258 _____
3259 _____

Row 10

3260 _____
3261 _____
3262 _____
3263 _____
3264 _____
3265 _____
3266 _____
3267 _____
3268 *Arachnis picta* f. _____
3269 _____
3270 _____
3271 _____
3272 _____
3273 _____
3274 *Aucula buprisia* _____
3275 *Automolis divisus* _____

Row 11

3276 _____
3277 _____
3278 _____
3279 _____
3280 *Utetheisa fasciata* _____
3281 *Utetheisa pulchella* _____
3282 *Aroa substrigosa* _____
3283 _____
3284 _____
3285 _____
3286 _____
3287 _____
3288 *Halimodota andensis* var. _____
3289 _____
3290 _____
3291 _____

Row 1

3292 _____
 3293 _____
 3294 _____
 3295 _____
 3296 _____
 3297 _____
 3298 _____
 3299 _____
 3300 _____
 3301 _____
 3302 _____
 3303 _____

Row 2

3304 _____
 3305 _____
 3306 _____
 3307 _____
 3308 _____
 3309 _____
 3310 _____
 3311 _____
 3312 _____
 3313 _____
 3314 _____
 3315 _____

Row 3

3316 _____
 3317 _____
 3318 _____
 3319 _____
 3320 *Xanthopastis timais*
 3321 _____
 3322 *Diacrisia gopara*
 3323 _____
 3324 _____
 3325 _____
 3326 _____
 3327 _____
 3328 _____
 3329 _____

Row 4

3330 _____
 3331 _____
 3332 _____
 3333 _____
 3334 _____
 3335 _____
 3336 _____
 3337 _____
 3338 *Eudia pavonia* m
 3339 _____
 3340 _____

Row 5

3341 _____
 3342 _____
 3343 _____
 3344 _____
 3345 _____

Row 5 (continued)

3346 _____
 3347 _____
 3348 *Pericallia metarhoda*
 3349 *Elysium ochrota*
 3350 *Cadphises moorei*
 3351 _____
 3352 _____

Row 6

3353 *Antaxia pyrgion*
 3354 _____
 3355 *Automolis juvenis* fem.
 3356 *Pericallia metarhoda*
 3357 *Automolis juvenis* m.
 3358 _____
 3359 *Catocala grynea* m.
 3360 *Catocala serena*
 3361 _____
 3362 *Celerio dahli* f.
 3363 *Celerio hippophaea*
 3364 *Catocala flebilis*
 3365 *Spilarctica*
 3366 _____
 3367 _____

Row 7

3368 *Sysysphinx molina*
 3369 *Catocala electa* v. *zalmunna*
 3370 *Catocala nupta* f.
 3371 *Enmonodia vespertilio* m.
 3372 *Enmonodia vespertilio* f.
 3373 *Enmonodia vespertilio* var.
 3374 _____
 3375 *Pergessa porcellus* m.

Row 8

3376 *Dictyoploca japonica* var. m.
 3377 _____
 3378 *Sneiredonia japonica* fem.
 3379 _____
 3380 *Dermaleipa juno*
 3381 _____
 3382 *Ischyja manlia* fem.

Row 9

3383 *Celerio vespertilio* f.
 3384 *Celerio vespertilio* m.
 3385 _____
 3386 _____
 3387 _____
 3388 _____
 3389 _____

Row 10

3390 *Dirphia*
 3391 *Callosamia promethea* m. abberation
 3392 *Ophideres philoetetes* m.
 3393 *Ophideres fullonica* f.
 3394 *Ophideres proculus* m.
 3395 *Gynautocera papilionaria*
 3396 *Agonista ciliata*

Row 1

3397 Catocala snowii
 3398 Catocala muliercula
 3399 Catocala agamos
 3400 Catocala insolabalis
 3401 Catocala judith
 3402 Catocala lacrymosa
 3403 Catocala promissa
 3404 Phalera assimilis fem.
 3405 _____?
 3406 Ecpantheria abdominalis

Row 2

3407 Urania repheius fem.
 3408 Urania croesus fem.
 3409 Urania leilus var.
 3410 Castnia licoidella
 3411 _____?

Row 3

3412 Dictyoploca japonica
 3413 _____?
 3414 Anisoneura hypocyanea fem.
 3415 Eriocopeia philenora
 3416 _____?

Row 4

3417 Brahmaea wallachii fem. (RARE)
 3418 Brahmaea wallachii m.
 3419 Phyllodes inornata
 3420 Attacus atlas male (dwarf)

Row 5

3421 _____?
 3422 _____?
 3423 _____?
 3424 _____?
 3425 _____?
 3426 Thyas carbonata
 3427 _____?

Row 6

3428 Arichanna belluaria m.
 3429 _____?
 3430 _____?
 3431 Cocytodes coerulea
 3432 Choerocampa nerii var.
 3433 Choerocampa nerii var. form
 3434 Tarsolepis fulgurifera

Row 7

3435 Entomogramma fautrix fem.
 3436 _____?
 3437 _____?
 3438 Zeuzera multistrigata m.
 3439 _____?
 3440 Trabula vishnou fem.
 3441 Macroglossum stellatorum m.
 3442 Prionoxystus robinae m.
 3443 _____?

Row 1

3446 Cocytius cleontius
3447 Erebus odora fem.
3448 Phyllodes _____ ?

Row 2

3449 Cocytius d'urvillei
3450 Chrysocale gigas
3451 _____ ?
3452 Zygaena carniolica v. berolinensis
3453 Ctenucha multifaria
3454 Cosmosoma sectinota
3455 Mesolasia haemorrhoidalis
3456 Zygaena fausta v. jucunda
3457 Zygaena fraxini v. rosinae?
3458 Cosmosoma garleppi

Row 3

3459 Mesothlen ignea
3460 Eucereum confinis
3461 Ctenucha venosa
3462 Ctenucha brunnea
3463 Empyreuma pugione
3464 Episcepsis inornata
3465 Zygaena lonicerae v. major
3466 Corematura chrysogastra
3467 Euchromia cresua.

Row 4

3468 Rothschildia orizaba var.
3469 Hyalophora hybrid (rubra x cecropia)
3470 _____ ?
3471 Zygaena purpuralis (l. side)
3472 Cyanopepla fastuosa (left side)
3473 Zygaena lavendulae (right side)
3474 _____ ? (right side)

Row 1

3475 _____
 3476 _____
 3477 *Sophista songoensis*
 3478 *Pyrrhopyge charybdis* m. var.
 3480 *Amenis pionia* m.
 3481 *Plastingia callineura*
 3482 *Matapa sasivarna* m.
 3483 *Hasora chromus*

Row 6

3517 *Pyrrhopyge hyglaea*
 3518 *Mimoniades peruviana*
 3519 *Yanguna staudingeri*
 3520 *Ismene* _____
 3521 *Rhopalocampta benjamini*
 3522 *Ismene* _____
 3523 *Telegonus pheres*

Row 7

3524 *Pyrrhopyge maculosa*
 3525 *Discophellus porcius*
 3526 *Mahotis nurscia*
 3527 *Proteides idas*
 3528 *Jemadia hewitsoni*
 3529 *Telegonus pheres*
 3530 *Gangara thyraxis*

Row 2

3484 _____
 3485 *Lenyra astaroth*
 3486 *Ctenoptilon vasava*
 3487 *Udaspes folus*
 3488 *Satarupa sambara*
 3489 _____
 3490 *Ismene nestor* m.
 3491 *Brephos infans*
 3492 *Myscelus phoronis*

Row 3

3493 *Satarupa gopala* m.
 3494 *Erionota thrax*
 3495 *Casyapa corvus* m.
 3496 *Ismene* _____
 3497 *Amenis pionia* f.
 3498 *Pyrrhopyge phidias*
 3499 *Pyrrhopyge hadassa*
 3500 *Cyanopepla hurama*

Row 4

3501 *Myscelus illustris*
 3502 *Aestictopterus diocles*
 3503 _____
 3504 *Pyrrhopyge scylla*
 3505 *Hasora badra*
 3506 *Lobocla liliana*
 3507 *Euschemon rafflesiae*
 3508 *Ismene mus* var.

Row 5

3509 _____
 3510 *Chapra promineus*
 3511 *Celaenorrhinus maculosa*
 3512 *Egibolia vaillantii*
 3513 *Tagiades obscurus* v. *vimasistius*
 3514 *Eudamus proteus* var.
 3515 *Parnara pellucida* fem.
 3516 _____

Row 1

3531 *Astraeodes areuta*
 3532 *Callizona acesta* v. *latifascia*
 3533 *Byblia ilithyia* var.
 3534 *Vanessa terpsichore*
 3535 *Mestra hypermnestra* var.
 3536 *Emesis lucinda* f.
 3537 *Metacharis cuparina* f.
 3538 *Emesis mandana* f.
 3539 *Callizona acesta*
 3540 *Emesis fastidiosa* m.
 3541 *Pseudonica flavilla* v. *canthara*
 3542 *Symbrenthia hippoclus*

Row 2

3543 *Anartia leardoba*
 3544 *Amarynthis meneria* v. *coccitincta*
 3545 *Monethe albertus*
 3546 *Lymnas pixe*
 3547 *Lymnas lycaea*
 3548 *Lymnas iarbas* v. *melantho*
 3549 *Lymnas cratia*
 3550 *Lymnas pixe* v. *sempunctata*
 3551 *Riodina lysippus* v. *lysias* m.
 3552 *Panara phereclus* v. *episatnius*
 3553 *Nymphidium ascolia*
 3554 *Mesosemia sifia* v. *judicalis*
 3555 *Mesosemia croesus*

Row 3

3556 *Mesosemia mevania*
 3557 *Esthemopsis clonia*
 3558 *Esthemopsis jesse* v. *aeniacus*
 3559 *Ectima rectifascia*
 3560 *Ectima liria* v. *lirissa*
 3561 *Dynamine niveata* v. *pitheus*
 3562 *Dynamine egaea* var. m.
 3563 *Dynamine getae*
 3564 *Dynamine chryseis*
 3565 *Dynamine radricula*
 3566 *Dynamine salpensa*
 3567 *Dynamine ines*
 3568 *Dynamine maeon* m.

Row 4

3569 *Dynamine athemon*
 3570 *Dynamine coenus*
 3571 *Hopfferia luculenta*
 3572 *Siseme neurodes*
 3573 *Siseme pallas*
 3574 *Siseme aristoteles* v. *minerva*
 3575 *Lasaia meris*
 3576 *Lyropteryx apollonia* var.
 3577 *Necyria manco* v. *fulminatrix* m.
 3578 *Necyria duellona*
 3579 *Necyria manco* m.
 3580 *Ancyluris jurgenseni* v. *atahualpa* m.

Row 5

3581 *Diorina periander* f.
 3582 *Ancyluris jurgenseni* v. *atahualpa*
 3583 *Zeonia sylphina*
 3584 *Diorina arcus* v. *huanus*
 3585 *Ancyluris formosissima*
 3585 (underside of above)
 3586 *Ancyluris mira*
 3587 *Ancyluris meliboeus*
 3588 *Dynamine egaea* f.

Row 6

3589 *Eurybia donna* m.
 3590 *Eurybia juturna* m.
 3591 *Eurybia nicaeus* v. *hyacinthina*
 3592 *Eurybia juturna* v. *turna*
 3593 *Morpheis ehrenbergii*
 3594 *Stalachtis calliope* var.
 3595 *Stalachtis calliope* var. (yellow)
 3596 *Tellervo zoilus* v. *assarica*
 3597 *Libythea myrrha* v. *rama*
 3598 *Libythea myrrha*
 3599 *Phyciodes eranites*

Row 7

3600 *Actinote hylonome*
 3601 *Chlosyne saundersii*
 3602 *Phyciodes clio*
 3603 *Phyciodes ianthe* v. *atra*
 3604 *Phyciodes ofella*
 3605 *Phyciodes abas*
 3606 *Siseme alectryo* v. *spectanda*
 3607 *Dicallaneura decorata*
 3608 *Dodona durga*
 3609 *Dodona ouida*
 3610 *Dodona durga* v. *sinica*
 3611 *Lethe atkinsonia*
 3612 *Phyciodes elaphiaea*

Row 8

3613 *Anteros formosus*
 3614 *Cupido calice*
 3615 *Diophthalma philemon* v. *mathata*
 3616 *Euselasia gelanor*
 3617 *Euselasia eutyclus*
 3618 *Apatura parisatus*
 3619 *Strymon polybe*
 3620 *Strymon damo* f.
 3621 *Strymon pholeus* v. *meridionalis*
 3622 *Strymon hemon*
 3623 *Strymon tuneta*
 3624 *Strymon imperialis*

Row 9

3626 Strymon nobilis m.
 3627 Strymon numen var.
 3628 Strymon nisae var.
 3629 Strymon pholeus var.
 3630 Strymon acaste v. lycimna
 3631 Strymon paphlagon
 3632 Strymon battus v. aufidena m.
 3633 Strymon meton m.
 3634 Strymon linus m.
 3635 Thecla rubi
 3636 Deudorix antalus f.
 3637 Thecla spini
 3638 Strymon strephon
 3639 Strymon imperialis v. ducalis

Row 10

3640 Strymon nobilis f.
 3641 Mitoura gryneus
 3642 Strymon vesulus
 3643 Strymon pupilla
 3644 Strymon viridicans
 3645 Myrina dermaptera
 3646 Strymon gabatha
 3647 Thecla masilkaya
 3648 Strymon thales
 3649 Strymon phoenissa
 3650 Strymon hemon f.
 3651 Strymon polibetes
 3652 Strymon triquetra
 3653 Strymon metanira

Row 11

3654 Strymon coronata
 3655 Arhopola meander
 3656 Arhopola perimuta
 3657 Arhopola herculina
 3658 Arhopola amytis
 3659 Arhopola _____
 3660 Arhopola _____
 3661 Arhopola _____
 3662 Irvata maecenas var.

Row 12

3663 Irvata maecenas v. timoleon
 3664 Thecla _____
 3665 Jolaus helius f.
 3666 Jolaus maculatus m.
 3667 Jolaus maculatus f.
 3668 Thecla _____
 3669 Strymon octavius
 3670 Thecla _____
 3671 Thecla _____
 3672 Anartia lytrea
 3673 Thecla _____
 3721 _____

Row 13

3674 Thecla _____
 3675 Curetis bulis
 3676 Curetis thetys
 3677 Curetis malayica
 3678 Curetis _____
 3679 Curetis _____
 3680 Tharops thallus
 3681 _____
 3682 _____
 3683 _____
 3685 Cupido parsimon m.
 3686 Lycaena phlaeas v. daimio

Row 14

3687 Thestor ballus m.
 3688 Thestor ballus f.
 3689 Lycaena astrarche
 3690 _____
 3691 Lycaena hylas m.
 3692 Lycaena bellargus
 3693 Lycaena argus
 3694 _____
 3695 Lycaena orion
 3696 _____
 3697 _____
 3698 _____
 3699 _____
 3704 _____
 3700 Lycaena icarus m.
 3701 Lycaena corydon m.
 3702 Lycaena argus var.
 3703 Maculinea euphemus

Row 15

3705 Lycaena phlaeas v. eleus
 3706 Lycaena _____
 3707 Lycaena _____
 3708 Lycaena Amandus var.
 3709 Lycaena gordius m.
 3710 Lycaena dispar v. rutilus
 3711 Lycaena dispar m.
 3712 Lycaena thetis v. fem.
 3713 Lycaena thersamon m.
 3714 Lycaena thersamon f.
 3715 Lycaena exilis
 3716 Lycaena cyllarus
 3717 Lycaena virgaurae fem.
 3718 Lycaena lotis fem.
 3719 Lycaena damon
 3720 Lycaena meleager m.

Row 1

3625 *Byblia vulgaris* m.
 3722 *Byblia vulgaris* f.
 3723 *Diestogyna veronica* m.
 3724 *Cynandra opis*
 3725 *Eumaeus atala* f.
 3726 *Eumaeus atala* m.
 3727 *Euptychia caerulea*
 3728 *Crenis amulia* f.
 3729 *Crenis amulia* m.
 3730 *Eurytele dryope*
 3731 *Melitaea matura* m.

Row 2

3732 *Bia actorion* f.
 3733 *Bia actorion* m.
 3734 *Leodonta dysoni* v. *zenobia*
 3735 *Daedalma dinias*
 3736 *Eurytela hiarbas*
 3737 *Euryphene demetra*
 3738 *Euryphene laetitia* var.
 3739 *Euryphene mardania* m.

Row 3

3740 *Melitaea aurinia* v. *provincialis*
 3741 *Melitaea athalia*
 3742 *Melitaea cinxia* f.
 3743 *Melitaea didyma* f.
 3744 *Parage maera* v. *adrasta*
 3745 *Parage aegeria* m.
 3746 *Parage megaera* v. *tigelius*
 3747 *Parage aegeria* var.
 3748 *Parage aegeria* var.
 3749 *Parage megaera* fem.
 3750 *Satyrus neomiris* m.
 3751 *Satyrus neomiris* f.

Row 4

3752 *Satyrus anthelea* m.
 3753 *Satyrus briseis* v. *meridronalii*
 3754 *Ypthima sakra* m.
 3755 *Euptychia ocypete*
 3756 *Mycalesis lorna*
 3757 *Mycalesis francisca* v. *gopha*
 3758 *Mycalesis adolphei* m.
 3759 *Mycalesis perseus*
 3760 *Euptychia vesta*
 3761 *Coenonympha tiphon*
 3762 *Crenis howensis* ?

Row 5

3763 *Heteronympha merope*
 3764 *Faunis arcesilaus* v. *canens*
 3765 *Epinephele jurtina* fem.
 3766 *Parage maera* v. *schakra* fem var
 3767 *Mycalesis perseus* var.
 3768 *Mycalesis visala* m.
 3769 *Mycalesis nicotia* v. *langi*
 3770 *Calysisme sandtana*
 3771 *Epinephele lycaon* m.
 3772 *Epinephele lycaon* f.

Row 6

3773 *Epinephele passiphae* f.
 3774 *Henotesia fraterna* v. *maeva*
 3775 *Mycalesis mamerta* v. *rudis*
 3776 *Orsotriaena medus* v. *runeka*
 3777 *Parage episcopalis* m.
 3778 *Eucheira socialis*
 3779 *Pseudoergolis wedah*
 3780 *Pedaliodes pylas*
 3781 *Parage roxelana*
 3782 *Polymastus whitelyi*

Row 7

3783 *Epinephele ida* m.
 3784 *Coenonympha arcania* m.
 3785 *Euptychia cephus*
 3786 _____
 3787 *Symmetrodes tricolor*?
 3788 _____
 3789 *Ctenucha garleppi*
 3790 *Zyraena achilleae* v. *tristis*
 3791 *Haematera pyramus*
 3792 *Bolboneura sylphis*
 3793 *Emesis cypria*
 3794 *Crocomela inca*

Row 8

3795 *Eretris decorata*
 3796 *Sangala gloriosa* fem.
 3797 _____
 3798 _____
 3799 *Euagra latera*
 3800 _____
 3801 _____
 3802 *Cyrenia martia*
 3803 _____
 3804 *Stalachtis adelpha*
 3805 *Calodesma albiplaga*
 3806 *Xenosoma porgonum*
 3807 *Eucyane simulata*
 3808 *Eucyane diana*

Row 9

3809 Hestina persimilis
3810 Cyrestis thyodamas v. maybella f.
3811 Cyrestis thyodamas m. var.
3812 Satyrus briseis v. fergana f.
3813 Satyrus briseis v. fergana m.
3814 Taygetis andromeda fem.
3815 Satyrus semele v. messina fem.
3816 Satyrus semele v. aristaeus m.
3817 Satyrus semele f.

Row 10

3818 Satyrus hermione v. cypriaca m.
3819 Satyrus hermione v. cypriaca f.
3820 Corades cistene v. dymantis
3821 Lasiophila sombra m.
3822 Lasiophila phalaesia v. regia
3823 Lasiophila prosymna- fem.
3824 Oxeoschistus simplex
3825 Pedaliodes phrasida

Row 11

3826 Mygona irmina
3827 Tisiphone maculata
3828 Pierella luna
3829 Pronophila orcus
3830 Haetera piera
3831 Eurycus cressida m.
3832 Eurycus cressida m. (dwarf form)

Row 12

3833 Corades chelonis
3834 Pierella helvina
3835 Pierella lena var.
3836 Callitaera aurorina
3837 Callitaera pireta
3838 Callitaera pyropina
3839 Haetera hypaesia
3840 Chlosyne janais

Row 1

3841 *Argynnis niobe* v. *eris*
 3842 *Argynnis niobe*
 3843 *Boloria euphrosyne*
 3844 *Precis milonia*
 3845 *Precis hierta* v. m.
 3846 *Antanartia delius*
 3847 *Argynnis nilgiriensis* m.
 3848 *Byblia ilithyia*
 3849 *Argynnis adippe* var.

Row 2

3850 *Argynnis pandora* m.
 3851 *Argynnis pandora* f.
 3852 *Speyeria cybele* F.
 3853 *Argynnis paphia* f.
 3854 *Argynnis kamala*
 3855 *Argynnis paphia* v.
 3856 *Argynnis paphia* v. *neopaphia* f.
 3857 *Phyciodes polina* v. *intermedia* f.

Row 3

3858 *Prothoe decolorata*
 3859 *Agrias amydon* m.
 3860 *Agrias beata*
 3861 *Callithea buckleyi*
 3862 *Callithea adamsi*
 3863 *Callithea degandii*
 3864 *Callithea optima* v. *eminens*
 3865 *Callithea hewitonsi*

Row 4

3866 *Taygetis virgilis* v. *rubescens* m.
 3867 *Taygetis chryso gone*
 3868 *Taygetis armillata* v. *jimna*
 3869 *Taygetis mermeria*
 3870 *Antirrhaea avernus*
 3871 *Eueides eanes* var.

Row 5

3872 *Precis oenome* v. *cebrene* m.
 3873 *Chlosyne hyperia*
 3874 *Phyciodes lansdorfi*
 3875 *Chlosyne bonplandii*
 383 *Mestra amymone* m.
 437 *Mestra amymone* f.
 986 *Dynamine mylitta* f.
 1012 *Dynamine mylitta* m.
 1211 *Dynamine egaea* m.
 1156 *Amarynthis meneria*
 1557 *Araschnia levana* v. *prorsa*
 878 *Araschnia levana*
 1190 *Precis andremiaja* v. *musa*

Row 6

394 *Precis orithya*
 214 *Precis lavinia coenia* fem.
 211 *Precis lavinia* v. *zonalis*
 1210 *Precis natalica*
 1181 *Precis hedonia* v. *teurnia*

Row 6 (continued)

1393 *Precis hierte*
 1571 *Precis lemonias*
 985 *Anartia amathea* m.
 1005 *Anartia amathea* f.
 1469 *Hypanartia kefersteini* v. *lindigii*

Row 7

1011 *Anartia jatrophae* m.
 1010 *Anartia jatrophae* f.
 198 *Anartia jatrophae* v. *luteipicta* f.
 199 *Anartia jatrophae* v. *luteipicta* m.
 643 *Anartia fatima*
 1468 *Hypanartia lethe*
 1470 *Hypanartia kefersteini*
 1151 *Hypanartia dione*
 1476 *Cybdelis phaesyle* v. *boliviana*

Row 8

988 *Myscelia orsis* f.
 987 *Myscelia orsis* m.
 1054 *Myscelia capenas*
 1006 *Callithea leprieuri* m.
 1007 *Callithea leprieuri* f.
 1195 *Eunica elegans* f.
 1193 *Eunica caralus*
 1194 *Eunica cabira* v. *gerwisa*
 #326 *Eunica tatila* v. *tatilista* m.

Row 9

1471 *Eunica alcmena* v. *irma* m.
 328 *Eunica monima* m.
 3876 *Eunica monima* v. *modesta* m.
 3877 *Aeria eurimedia* v. *palmara*
 3878 *Aeria eurimedia* v. *negricola*
 3879 *Aeria elodina*
 3880 *Aeria eurimedia* v. *agna*
 3881 *Precis sophia* v. *infracta*
 3882 *Precis terea* v. *elgiva*
 3883 *Precis ceryne*
 3884 *Precis archesia*

Row 10

932 *Precis pelarga* v. *harpyia*
 1465 *Precis limnoria* v. *taveta*
 956 *Precis archesia* v. *pelasgis* m.
 1208 *Precis cuama* v.
 3933 *Precis antilope* var.
 3934 *Vanessa itea*
 3935 *Precis atlites* v. *laomedia* f.
 3936 *Precis atlites* v. *laomedia* m.

Row 11

3937 *Catacroptera cloanthe*
 3938 *Precis artaxia*
 3939 *Precis clelia* v. *epiclelia* m.
 3940 *Precis clelia*
 3941 *Precis clelia* v. *epiclelia* f.
 3942 *Precis orthosia* f.
 3943 *Precis orithya* v. *mevaria* f.
 3944 *Catacroptera cloanthe* v. *large*

Frame 111 (read vertically)

Row 1

3945 *Precis villida*
3946 *Precis erigone* v. *leucophora*
3947 *Precis lemonias* v. *aenaria*
3948 *Precis erigone* var.
3949 *Precis lemonias* m. var.
3950 *Precis lavinia* m.
3951 *Precis lavinia* f.
3952 *Precis archesia* f. (wet form)
3953 *Precis archesia* var.

Row 2

3954 *Precis ceryne* v. *tukuoa*
3955 *Precis andremiaja* f.
3956 *Precis archesia* v. *pelasgis* f.
3957 *Chersonesia risa*
3958 *Chersonesia rahria*
3959 *Cyrestis nais* v. *naisina* m.
3960 *Cyrestis andamanica*
3961 *Cyrestis nivea* v. *borneensis*
3962 *Cyrestis cocles* v. *cocleoides*

Row 3

3963 *Cyrestis thyonneus*
3964 *Cyrestis cassandra*
3965 *Cyrestis cocles* v. *earli*
3966 *Cyrestis cocles* v. *natta*
3967 *Cyrestis maenalis* v. *martini*
3968 *Cyrestis achates* m.
3969 *Cyrestis ceramensis* v. *acilia*
3970 *Cyrestis elegans*

Row 4

3971 *Cyrestis camillus*
3972 *Cynandra opis* fem.
3973 *Euryphura plautilla*
3974 *Euryphura ochracea*
3975 *Euryphura plautilla* v. *albofasciata*
3976 *Salamis cacta*
3977 *Charaxes jahlus*
3978 *Precis almana* v. *asterie*

Row 5

3979 *Pereute telthusa*
3980 *Epiphile chrisites* m.
3981 *Archonias critias*
3982 *Eueides isabella*
3983 *Eueides eanes* v. *aides*
3984 *Eueides aliphera*
3985 *Temenis laothoe* v. *violetta* f.
3986 *Cybdelis phaesyle* v. *thrasylla*
3987 *Hamanumida daedalis*
3988 *Temenis pulchra* m.

Row 6

3989 *Cymothoe fumana* m.
3990 *Salamis parhassus* v. *aethiops* f.
3991 *Cymothoe theobene* m.
3992 *Cymothoe theobene* f.
3993 *Euphaedra eupalus*
3994 *Euphaedra harpalyce*

Row 7

3995 *Euphaedra cyparissa*
3996 *Euphaedra themis*
3997 *Euphaedra ceres* var.
3998 *Napeocles jucunda*
3999 *Batesia hypochlora* v. *hemichrysa*
4000 *Dichorragia pelurius*

Row 8

4001 *Salamis anacardii* v. *duprei*
4002 *Euthalia aeropus* m.
4003 *Metamorpha superba*
4004 *Euthalia sahadeva* v. *nadaka*
4005 *Euthalia compta* m.
4006 *Euthalia aeropus* f.

Row 9

4007 *Diestogyna veronica* f.
4008 *Epiphile adrasta* f.
4009 *Epiphile eriopis* m.
4010 *Temenis pulchra* v. *melania*
4011 *Precis westermanni*
4012 *Nessaea obrinus* var.
4013 *Epiphile dinora* m.
4014 *Tanaecia aruna*
4015 *Euryphene severini*

Row 10

4016 *Pereute charops* f.
4017 *Pereute charops* m.
4018 *Catonephele numilia* f.
4019 *Catonephele acontius* f.
4020 *Catonephele acontius* m.
4021 *Catonephele numilia* v. *esite* m.
4022 *Catonephele salambra* m.
4023 *Neptis nemetes*

Row 1

4024 Morpho briseis f.
4025 Morpho anaxibia f.
4026 Morpho menelaus f.

Row 2

4027 Morpho achilles v. trojana f.
4028 Morpho peleides f.
4029 Morpho cypris f. (yellow form)
4030 Morpho aurora v. aureola f.

Row 3

4031 Morpho sulkowskyi m.
4032 Morpho sulkowskyi f.
4033 Morpho achilles m.
4034 Stichophathalma camadeva f.

Row 4.

4035 Morpho aurora v. aureola m.
4036 Morpho rhetenor f.
4037 Morpho polyphemus
4038 Morpho ascolius v. resenbergi

Row 5

4039 Morpho theseus v. aquarius m.
4040 Morpho achilles f.
4041 Morpho theseus v. amphitrion f.

Row 1

4042 Euryades duponcheli m.
4043 Papilio marchandi
4044 Papilio arcesilaus
4045 Papilio calliste
4046 Papilio lacandones v. diores

Row 2

4047 Papilio thyastes
4048 Papilio asius
4049 Papilio belus v. varus
4050 Papilio anchises v. nephalion f.
4051 Papilio birchalli

Row 3

4052 Papilio gundlachianus fem.
4053 Papilio arcas v. mylotes f.
4054 Papilio arcas f.
4055 Papilio nephalion m.

Row 4

4056 Papilio euryleon m.
4057 Papilio lycimenes
4058 Papilio protodamas
4059 Papilio polystictus v. janira m.
4060 Papilio antirachus m. (RARE)

Row 5

2993 Papilio hyppason v. paraensis
2992 Papilio bachus
2986 Papilio garamas
3000 Papilio arcas v. arriphus m.
3002 Papilio torquatus var.

Row 6

4061 Papilio erithalion m.
4062 Papilio rhodostictus v. nymphius
4063 Papilio lycimenes v. erythrus fem.
4064 Papilio erithalion f.
2990 Papilio vertumnus v. autumnus fem.
2991 Papilio hesperus (RARE)

Row 7

3001 Papilio jason
2999 Papilio ariarathes v. cyamon
2995 Papilio childrenae m.
2996 Papilio iphidamus v. phalias
4065 Euthalia cyanipardus f.
4066 Euthalia cyanipardus m.

Frame 114 (read vertically)

Row 1

4072 Caligo eurilochus v. livius m.
4073 Caligo prometheus m.
4074 Caligo eurilochus v. morpheus

Row 2

4075 Caligo prometheus fem.
4076 Caligo oileus v. umbratilis fem.
4077 Caligo superba m.

Row 3

4078 Caligo illioneus m.
4079 Caligo oberthueri v. phokilides
4080 Caligo illioneus fem

Row 4

4081 Caligo atreus fem.
4082 Caligo oileus v. scamander fem.
4083 Caligo atreus m.

Row 5

4084 Caligo idomeneus v. idomenides m.
4085 Caligo idomeneus female
* (Showing underside of Caligo "Owl")

Row 1

4086 *apatura ilia* v. *substituta*
 4087 *Adelpha aricia*
 4088 *Eunica chlorochroa*
 4089 *Eunica augusta* m.
 4090 *Eunica macris* v. *phasis*
 4091 *Eunica cabira* v. *carias* m.
 4092 *Eunica amelia*
 4093 *Eunica orphisa* m.

Row 2

4094 *Eunica tatila* v. *caerula*
 4095 *Eunica caresa* f.
 4096 *Eunica eurota* m.
 4237 *Eunica alcmena* v. *pomona*
 4097 *Eunica norica*
 4098 *Eunica myrdonia*
 4099 *Eyscelia sophronia*
 4100 *Eunica excelsa*
 4103 *Eunica orphise* var.

Row 3

4101 *Eunica brunnea*
 4102 *Eunica caresa* m.
 4104 *Eunica bechina*
 4105 *Eunica bechina* v. *evelide*
 4106 *Metamorpha sulpitia*
 4107 *Pseudacraea semire*
 4108 *Cybdelis phaesyle*
 4109 *Eunica volumna* v. *celma* m.

Row 4

4110 *Anaea chaeronea* m.
 4111 *Anaea nessus* f.
 4112 *Zaretas isidora* v. *ididara*
 4113 *Anaea anassa*
 4114 *Anaea psammis*
 4115 *Anaea polyxo* m.
 4116 *Anaea portia*

Row 5

4117 *Anaea otrere*
 4118 *Anaea titan* m.
 4119 *Anaea basilia* v. *phantes* f.
 4120 *Hamadryas arethusa* f.
 4121 *Hamadryas arethusa* m.
 4122 *Hamadryas arinome* v. *arene*
 4123 *Hamadryas arethusa* var. m.

Row 6

4124 *Hamadryas februa* v. *ferentina*
 4125 *Hamadryas iphthime*
 4126 *Tellervo zoilus* v. *nais*
 4127 *Polygonia haroldi* (RARE)
 4128 *Hamadryas rhea*
 4129 *Vanessa polychloros*
 4130 *Eumaeus minyas* f.
 4131 *Eumaeus minyas* m.

Row 7

4132 *Pyrrhogyra nasica* v. *olivence*
 4133 *Pyrrhogyra nasica* v. *sietzi*
 4134 *Pyrrhogyra edocla*
 4135 *Apatura iris*
 4136 *Marpesia iole*
 4137 *Aterica galene* m. var.
 4138 *Pareronia pingasa* m.
 4139 *Aterica galene* fem.

Row 8

4140 *Pareronia boebera* m.
 4141 *Pareronia pingasa* v. *ceylonica* m.
 4142 *Pareronia avatar* m.
 4143 *Pareronia valeria* v. *hippia* f.
 4144 *Pareronia valeria* v. *lutescens* m.
 4145 *Pareronia valeria* v. *palawana* f.
 4146 *Yoma vestina*

Row 9

4147 *Pareronia tritaea* m.
 4148 *Pareronia tritaea* f.
 4149 *Zethera pimplea*
 4150 *Prepona licomedes*
 4151 *Prepona meander*
 4152 *Argynnis hyperbius* v. *sagada* m.

Row 10

4153 *Cynthia arsinoe* v. *ada* m.
 4154 *Cynthia arsinoe* v. *papuana* ?
 4155 *Cynthia erota* v. *gedeana*
 4156 *Eriboea vernus*
 4157 *Cynthia erota* f.

Row 1

4158 Parnassius hardwicki v. viridicans f.
4159 Parnassius hardwicki v. viridicans m.
4160 Parnassius hardwicki m.
4161 Parnassius hardwicki f.
4162 Hypermnestra helios m.
4163 Parnassius sikkimensis f.
4164 Parnassius hardwicki v. otos
4165 Parnassius simo
4166 Parnassius delphius f.
4167 Parnassius stubbendorffii f.
4168 Thais cerisyi

Row 2

4169 Parnassius discobolus v. romanovi
4170 Parnassius apollonius v. alpinus f.
4171 Parnassius discobolus m.
4172 Parnassius nomion m.
4173 Parnassius charltonius v. princeps f.
4174 Parnassius delphius v. marginata
4175
4176 Thais polyxena v. cassandra

Row 3

4177 Coenophlebia archidona
4178 Prepona praeeneste
4179 Prepona praeeneste v. paradisiaca
4180 Prepona neoterpe f.
4181 Charaxes marmax f.
4182 Charaxes marmax m.

Row 4

4183 Eriboea dolon m.
4184 Megistanis baeotus
4185 Charaxes candiope
4186 Charaxes harpax
4187 Charaxes latona f.
4188 Castnia evalthe

Row 5

4189 Charaxes jasius
4190 Charaxes brutus
4191 Charaxes stephenus
4192 Charaxes pollux
4193 Charaxes cognatus m.
4194 Charaxes cognatus f.

Row 6

4195 Charaxes juniter m.
4196 Charaxes fabrus
4197 Charaxes polyxena v. lunawara m.
4198 Planema macarista f.
4199 Planema tellus v. eumelis m.
4200 Pseudacraea boisduvali v. trimeni m.
4201 Papilio ucalegon

Row 7

4202 Acraea natalica f.
4203 Actinote flavibasis f.
4204 Actinote demonica var. f.
4205 Planema aganice
4206 Acraea natalica var. f.
4207 Acraea rogersi v. salambo
4208 Acraea encedon f.
4209 Acraea encedon m.
4210 Acraea nohara
4211 Acraea ella
4212 Acraea esebria m.

Row 8

4213 Actinote ozomene
4214 Actinote flavibasis m.
4215 Actinote leucomelas m.
4216 Acraea dammi m.
4217 Acraea ranavalona m.
4218 Acraea mahela
4219 Acraea ranavalona f.
4220 Acraea admatha m.
4221 Acraea petraea
4222 Acraea violarum
4223 Pardopsis punctatissima
4224 Acraea horta
4225 Acraea servona v. rhodina

Row 9

4226 Planema tellus m.
4227 Planema macaria
4228 Acraea pharsalus
4229 Acraea zetes v. menippe f.
4230 Acraea egina
4231 Acraea rahira
4232 Acraea natalica m.
4233 Rhyciodes levina
4234 Acraea zitja
4235 Acraea acrita var.
4236 Charaxes blanda

Row 1

4238 Ideopsis daos v. costalis m.
4239 Danais juvena v. sobrena
4240 Danais cleona
4241 Danais aspasia v. shelfordi m.
4242 Danais similis v. vulgaris
4243 Danais lotis v. edmondi
4244 Danais affinis
4245 Danais lotis

Row 2

4246 Ideopsis daos v. perakana?
4247 Danais aspasia v. philomela fem.
4248 Danais melissa v. hamata
4249 Danais aglea
4250 Danais melanippus v. hegesippus m.
4251 Danais melaneus
4252 Danais ismare v. fulvus

Row 3

4253 Danais mytilene
4254 Danais alcippus
4255 Danais philene
4256 Danais philene v. nubila
4257 Danais juvena v. metaxa
4258 Danais aspasia m.
4259 Danais aspasia v. philomela m.
4260 Danais cleona v. eucleona f.

Row 4

4261 Danais eresimus v. xanthippus
4262 Danais jamaicensis
4263 Danais juvena v. meganira m.
4264 Cethosia nietneri v. mahratta
4265 Euploea nemertes v. swierstrae
4266 Euploea confusa
4267 Euploea assimidata m.
4268 Euploea eichhorni m.

Row 5

4269 Euploea mazares
4270 Euploea diocletianus m.
4271 Euploea swainsoni v. lucasi
4272 Euploea elautho v. ancile m.
4273 Euploea goudoti m.
4274 Euploea mulciber v. megilla f.
4275 Euploea euphon m.
4276 Euploea treitschkei v. viridis

Row 6

4277 Euploea mulciber m. var.
4278 Euploea harrisi v. hopei
4279 Euploea harrisi v. binotata m.
4280 Euploea mulciber fem. var.
4281 Euploea alcathe
4282 Euploea eichhorni fem.
4283 Euploea deois v. panopion fem.

Row 7

4284 Hypolimnas diomea m. (purple)
4285 Hypolimnas domea m (blue)
4286 Hypolimnas dubia v. wahlber
4287 Danais mercedonia m.
4288 Amauris vashti m.
4289 Hypolimnas dubia v. mima

Row 8

4290 Amauris niavius
4291 Amauris hyalites
4292 Amauris ochlea fem.
4293 Hypolimnas deceptor
4294 Elymnias agondas v. melane
4295 Elzunia bonplandi v. bonpland
4296 Elzunia humboldti v. humboldti

Row 1

4297 Eutresis hypereia v. hypereia
4298 Eutresis hypereia v. theope
4299 Olyras theon
4300 Olyras insignis v. praestans
4301 Olyras crathis v. crathis
4302 Ituna ilione
4303 Thyridia themisto
4304 Thyridia confusa m.
4305 Dismorphia orise

Row 2

4306 Ituna lamirus v. fenestrata
4307 Ituna lamirus
4308 Ituna phenarete v. lanassa ?
4309 Olyras crathis v. montagrii
4310 Lycorea ceres
4311 Heliconius burneyi v. lindigii
4312 Heliconius anderida
4313 Heliconius heurippa

Row 3

4314 Heliconius anderida v. zuleika
4315 Hirsutis pinthais
4316 Heliconius ismenius f.
4318 Eueides cleobaea v. adusta
4319 Hirsutis tarricina v. hecalesina
4320 Heliconius hecalesia
4321 Dismorphia sororna fem. var.
4322 Dismorphia cordillera m.
4317 Heliconius narcaea v. polychrons

Row 4

4323 Heliconius hecalesia v. formosus
4324 Heliconius anderida v. clara f.
4325 Heliconius urania
4326 Melinaea mneme
4327 Heliconius doris v. virdis
4328 Heliconius fortunatus v. spurius
4329 Hirsutis hermias v. hermina?
4330 Heliconius antiochus v. aranea
4331 Heliconius doris v. eratonius

Row 5

4332 Melinaea menophilus v. menophilus
4333 Melinaea flavosignata v. hicetas
4334 Melinaea lilis v. imitata
4335 Melinaea mneme v. mediatatrix
4336 Heliconius novatus
4337 Heliconius cydno v. termerinda
4338 Heliconius egeria
4339 Heliconius melpomene v. melpomenides
4340 Heliconius sappho

Row 6

4341 Heliconius clysonimus
4342 Heliconius melpomene v. thelxiope
4343 Heliconius melpomene v. aglaope
4344 Heliconius melpomene v. bari
4345 Mechanitis messenoides var.
4346 Heliconius sappho v. eleuchia
4347 Heliconius atthis
4348 Mechanitis polymnia var.
4349 Melinaea mneme var.

Row 7

4350 Heliconius melpomene v. cybele
4351 Heliconius phyllis v. amalfreda
4352 Heliconius antiochus v. alba
4353 Heliconius cydno
4354 Heliconius antiochus v. zobeida
4355 Hirsutis harmonia v. megara
4356 Heliconius sara v. sprucei
4357 Heliconius sara v. rhea
4358 Heliconius cyrbia
4359 Heliconius edias

Row 8

4360 Dismorphia hewitsoni
4361 Melinaea idae v. idae m.
4362 Charonias eurytele
4363 Charonias eurytele v. albima-
4364 Hirsutis irene culata
4365 Ithomia celemia v. candescens
4366 Ceratinia mergelena var.
4367 Heliconius ismenius var. m.
4368 Dircenna relata v. olyras
4369 Eueides isabella v. arquata

Frame 119 (read vertically)Row 1

4370 *Mechanitis macrinus*
 4371 *Mechanitis mantineus*
 4380 *Aprotopos aedesia*
 4372 *Mechanitis lycidice* fem.
 4373 *Mechanitis lycidice* m.
 4374 *Napeogenes peridia*
 4375 *Ceratinia statilla*
 4376 *Napeogenes larina*
 4377 *Ceratinia lurida*
 4378 *Dismenitis zygia*
 4379 *Hymenitis libethris*

Row 2

4381 *Hymenitis nero*
 4382 *Dismenitis gonussa* m.
 4383 *Ithomia derasa*
 4384 *Calloleria doto*
 4385 *Dismenitis gonussa* f.
 4386 *Dismenitis theudelinda*
 4387 *Callithomia hezia* v. *tridactyla*
 4388 *Ithomia ellara*
 4389 *Leucothyris orestilla*
 4390 *Leucothyris susiana*
 4391 *Calloleria jolaia*

Row 3

4392 *Calloleria hopfferi* v. *onoma*
 4393 *Hyposcada adelphina*
 4394 *Mechanitis franis* v. *menapis*
 4395 *Ceratinia philetaera*
 4396 *Pteronymia thabena*
 4397 *Ithomia diasia*
 4398 *Leucothyris perspicua* v. *epicharme*
 4399 *Mechanitis pannifera*
 4400 *Mechanitis franis* v. *peruana*
 4401 *Melinaea mediatrix* v. *mneme*?
 4402 *Mechanitis elisa* v. *ocona* var.
 4403 *Hypoleria gephira*

Row 4

4404 *Phyciodes castilla* m.
 4405 *Patricia dercyllidas* v. *dercyllidas*
 4406 *Pteronymia asopo* v. *asellia*
 4407 *Athesis clearista* v. *clearista*
 4408 *Hymenitis oto*
 4409 *Dircenna jemina* fem.
 4410
 4411 *Hyposcada fallax* var.
 4412 *Leucothyris attalia* v. *attalita*?
 4413 *Mechanitis egaensis* var.
 4414 *Mechanitis equicoloides* var.

Row 5

4415 *Phyciodes celemina*
 4416 *Calloleria nise* v. *peruensis*
 4417 *Leucothyris makrena* f.
 4418 *Ceratinia apollinis*
 4419 *Melinaea egina* v. *paraija*
 4420 *Ithomia celemia* var.
 4421 *Mechanitis truncata* v. *huallaga*
 4422 *Mechanitis nessaea* var.
 4423 *Episcada nerasippa*
 4424 *Calloleria dorilla* var.
 4425 *Adelpha olynthia* v. *theaena*
 4426 *Rahinda consimilis*

Row 6

4427 *Chlorippe laure* v. *lauretta* m.
 4428 *Chlorippe laure* m.
 4429 *Adelpha aricia* v. *serenita*
 4430 *Adelpha boreas* v. *tizona*
 4431 *Chlorippe elis*
 4432 *Chlorippe vacuna*
 4433 *Chlorippe kallina* m.
 4434 *Adelpha leucophthalma*
 4435 *Adelpha aethalia*

Row 7

4436 *Chlorippe cyane* m.
 4437 *Adelpha alala* v. *negrina*
 4438 *Adelpha corcyra*
 4439 *Adelpha salmoneus*
 4440 *Chlorippe lavinia* v. *ornata*
 4441 *Adelpha celerio*
 4442 *Adelpha thoasa* v. *silia*
 4443 *Adelpha iphicla* v. *iphicleola*
 4444 *Adelpha phylaca* v. *sarana*

Row 8

4445 *Chlorippe griseldis*
 4446 *Adelpha erotia*
 4447 *Adelpha lerna* v. *aeolia*
 4448 *Adelpha zalmona* ?
 4449 *Chlorippe felderi*
 4450 *Adelpha hypsenor*
 4451 *Adelpha epione* v. *agilla*
 4452 *Chlorippe clothilda*
 4453 *Thisbe lycorias* v. *germanus*

Frame 119 (continued)Row 9

4454 *Rahinda hordonia* v. *plagiosa*
4455 *Rahinda hordonia* v. *argilipa* m.
4456 *Rahinda hordonia* v. *argilipa* f.
4457 *Neptis miah* v. *digitia* m.
4458 *Pantoporia nefte* v. *inara* m.
4459 *Pseudoneptis coenobita*
4460 *Pantoporia nefte* v. *inarina* m.
4461 *Pantoporia selanophora* f.
4462 *Neptis ananta*
4463 *Neptis viraja*
4464 *Neptis miah*

Row 10

4465 *Pantoporia alcamene* f. var.
4466 *Thisbe irenea* m.
4467 *Neptis vikasi* v. *salpona*
4468 *Neptis soma*
4469 *Neptis vikasi*
4470 *Neptis nalanda* f.
4471 *Neptis jumbah*
4472 *Neptis zoilus*
4473 *Neptis columella* v. *baweana* m.
4474 *Neptis shornerdi* m.

Row 11

4475 *Neptis heliodore* m.
4476 *Neptis damia* m.
4477 *Pantoporia selanophora* m.
4478 *Pantoporia perius* v. *perinus*
4479 *Pantoporia zeroa* v. *galaesus* m.
4480 *Pantoporia nefte* v. *inara* m. var.
4481 *Neptis vikasi* v. *harita*
4482 *Pantoporia ranga* v. *obsolescens*
4483 *Pantoporia ranga* v. *mahesa* m.
4493 *Neptis jumbah* v. *nalanda* m.

Row 1

4484 Taygetis penelea
4485 Euptychia libye
4486 Euptychia antonoe
4487 Pantoporia nefte v. inara f.
4488 Neptis hylas v. matuta m.
4489 Neptis nandina
4490 Neptis hylas v. celebensis
4491 Neptis alwina v. dejeani
4492 Dismorphia lewyi m.
4493 Dismorphia cornelia v. amalia m.

Row 2

4494 Neptis heliodare m. v.
4495 Pantoporia asura
4496 Pantoporia perius f.
4497 Dismorphia melite m. v. jethys
4498 Dismorphia melite v. jethys f.
4499 Dismorphia cornelia
4500 Dismorphia melite v. m.
4501 Dismorphia nemesis fem.
4502 Dismorphia mercenaria m.
4503 Dismorphia critomedia m.
4504 Dismorphia thermesia m.

Row 3

4505 Dismorphia melite v. fem.
4506 Dismorphia amphione v. praxinoe f.
4507 Dismorphia amphione v. discrepans
4508 Melanargia syllius
4509 Melanargia arge m.
4510 Melanargia galathea m.
4511 Melanargia halimede f. var.
4512 Melanargia larissa
4513 Melanargia galathea f.
4514 Dismorphia foedora f.
4515 Dismorphia foedora m.

Row 4

4516 Phoebis cipris v. virgo
4517 Phoebis philea f.
4518 Phoebis rurina f.
4519 Phoebis rurina m. var.
4520 Phoebis argante f.
4521 Diagora subvirdis v. japonica m.
4522 Eronia argia fem.

Row 5

4523 Eronia argia m.
4524 Pieris theora m.
4525 Pieris brassicae v. cheiranthi
4526 Pieris helcida f.
4527 Pieris calypso
4528 Pieris mandela v. locusta
4529 Pieris subeida m.
4530 Pieris cebron m.
4531 Itaballia pisonis

Row 6

4532 Pieris pigea f.
4533 Eronia trimeni
4534 Pseudopieris nehemia
4535 Perrhybris pyrrha v. carmenta
4536 Perrhybris lypera m.
4537 Perrhybris lorena m.
4538 Itaballia demophile m.
4539 Pieris viardi m.
4540 Perrhybris pyrrha v. malenka m.

Row 7

4541 Cathaemia hirlanda v. ninguida
4542 Pieris penthica m.
4543 Daptonoura lycimnia v. aelia
4544 Daptonoura lycimnia v. calymnia f.
4545 Daptonoura lycimnia v. moesia m.
4546 Daptonoura lycimnia v. napona
4547 Hesperocharis marchalii
4548 Hesperocharis nereina
4549 Pieris zochalia m.

Row 8

4550 Anaphaeis java v. savuana m.
4551 Colias eurydice v. rosea
4552 Catasticta uricoecheae
4553 Catasticta pitana m.
4554 Catasticta apaturina
4555 Catasticta nimbice m.
4556 Catasticta manco v. philothea
4557 Catasticta teutila fem.
4558 Pieris gidica v. abysinica (RAPE)
4559 Catasticta pieris
4560 Anaphaeis java v. anita m.

Row 9

4561 Anaphaeis java v. teutonia fem.
f: clytie
4562 Anaphaeis java male
4563 Pieris tovaria
4564 Huphina perimale v. perictione
4565 Appias rhodope
4566 Appias phaola
4567 Mylothris phileris
4568 Appias rhodope var.
4569 Eurema reticulata m.
4570 Catasticta chrysolopha

Row 10

4571 Pieris buniae v. imperator
4572 Pieris buniae m.
4573 Delias aruna v. irma m.
4574 Anaphaeis java v. teutonia
4575 Gonepteryx cleobule m.
4576 Gonepteryx cleobule f.
4577 Papilio pausanias (RARE)

Frame 121 (read vertically)

Row 1

4578 *Eurema candida* v. *libera* m.
 4579 *Eurema tominia* v. *mangolina* m.
 4580 *Eurema candida* v. *libera* f.
 4581 *Gandace harina* v. *samanga* m.
 4582 *Eurema blanda*
 4583 *Eurema hecabe* v. *borneensis*
 4584 *Eurema sari* f.
 4585 *Eurema latimargo* v. *nesos* m.
 4586 *Eurema gratiosa*
 4587 *Eurema hyona*
 4588 *Eurema deva*
 4589 *Teracolus amatus* v. *calais* m.
 4590 *Teracolus amatus* v. *crowleyi*

Row 2

4591 *Teracolus zoe* m.
 4592 *Teracolus eris*
 4593 *Teracolus danae* f.
 4594 *Teracolus omphale* m.
 4595 *Teracolus omphale* f.
 4596 *Teracolus evippe* v. *ocale* f.
 4597 *Teracolus ione* m.
 4598 *Teracolus erone* v. *jobina* m.
 4599 *Teracolus achine*
 4600 *Teracolus evenina* m.
 4601 *Teracolus evippe*

Row 3

4603 *Teracolus achine* v. *simplex*
 4604 *Pieris helice*
 4605 *Gonepteryx cleopatra* v. *taurica* m.
 4606 *Gonepteryx cleopatra* v. *taurica* f.
 4607 *Teracolus antigone* v. *phlegetonia*
 4608 *Leptosia xiphia* v. *comma*
 4609 *Pseudopontia paradoxa*
 4610 *Colias vautieri* m.
 4611 *Colias lesbia* m.
 4612 *Colias harfordi*
 4613 *Euchloe creusa*

Row 4

4614 *Colias edwardsi* m.
 4615 *Colias meadi* m.
 4616 *Colias meadi* f.
 4617 *Colias staudingeri* v. *pamira* m.
 4618 *Colias myrmidone*
 4619 *Euchloe belia* v. *taurica* f.
 4620 *Euchloe belia* f.
 4621 *Anthocaris cardamines* m.
 4622 *Anthocaris cardamines* m. var.
 4623 *Teracolus antigone* m.
 4624 *Colias dimera* m.
 4625 *Colias chrysomelas* m.

Row 5

4626 *Teracolus auxo* v. *incretus* f.
 4627 *Teracolus auxo* v. *topha* m.
 4628 *Teracolus evarne* v. *philippsi* m.
 4629 *Anthocaris euphenoides* f.
 4630 *Eurema agave*
 4631 *Teracolus pleione*
 4632 *Teracolus halimede* f.
 4633 *Teracolus eximia*
 4634 *Teracolus floricola* v. *ceres*
 4635 *Eurema eleathea*
 4636 *Eurema delia*
 4637 *Teriocolias atinas*
 4638 *Eurema arbela* v. *damaris*

Row 6

4660 *Caligo oileus* v. *philinos*
 * Typical *Caligo* (under side)
 4662 *Caligo eurilochus* var.

Row 7

4639 *Eurema xanthochlora*
 4640 *Eurema brigitta* v. *zoe* var.
 4641 *Teracolus दौरा* v. *evagore*
 4642 *Teracolus omphale* v. *evagore*
 4643 *Teracolus omphale* v. *theogone* m.
 4644 *Teracolus omphale* v. *theogone* var.
 4645 *Teracolus achine* v. *ithonus*
 4646 *Teracolus eupompe* m.
 4647 *Teracolus achine* v. *ithonus* var.
 4648 *Teracolus ephyia* f.
 4649 *Mylothris sjoestedi* m.
 4650 *Anthocaris cardamines* f.

Row 8

4651 *Leptosia xiphia* v. *chlorographa*
 4652 *Leptosia alcesta* v. *narica*
 4653 *Ascia monuste* fem. (dark form)
 4654 *Kricogonia lyside* v. *castilia* m.
 4602 *Teracolus achine* v. *gavisa*
 4655 *Kricogonia lyside* v. *terissa*
 4656 *Kricogonia lyside* v. *fantasia*
 4657 *Phoebis orbis* f.
 4658 *Colias palaeno* f.
 4659 *Appias epaphia* v. *saba* fem.

Row 9

4663 *Eurema palmyra*
4664 *Eurema hecabe* v. *mandarina* m.
4665 *Eurema venata*
4666 *Pontia glauconome* v. *iranica* f.
4667 *Teracolus antigone* v. *phlegetoni* f.
4668 *Teracolus evarne* f.
4669 *Anaphaeis teutonia* var. m.
4670 *Anthocaris euphenoides* m.
4671 *Synchlœ dubernardi* m.
4672 *Leptidia amurensis* m. var.
4673 *Teracolus evippe* v. *ocale* f.
4674 *Euchlœ belia* var.

Row 10

4675 *Ascia josephina* v. *josepha*
4676 *Anteos maerula* var. male
4677 *Anteos maerula* var. fem.
4678 *Catopsilia pyranthe* v. *chryseis* var. m.
4679 *Eronia thalassina*
4680 *Aprias epaphia* v. *saba* m.
4681 *Aprias* (*Tachyris*) *zoe*
4682 *Teracolus erone* v. *jobina* (dry form)

Row 1

4687 *Papilio alcinous* m.
4703 *Papilio castor* m.
4692 *Kallima inachus* v. *formosana* m.
4699 *Ideopsis daos* var.
4723 *Euryades duponcheli* f.

Row 2

4708 *Saletara panda* v. *nigerrima* m.
2728 *Thais cerisyi* v. *cypria* m.
4705 *Pieris aripa* v. *elodia* f.
4704 *Itaballia marana* m.
4716 *Pieris aripa* v. *balidia* m.
4722 *Callitaera menander*
4718 *Huphina quadricolor*
4709 *Tachyris ada* v. *tristitia* m.
4773 *Strymon chalcis* (left side)
4766 *Aphaneus himalayanus* (right side)
4771 *Strymon xami* (left side)
4727 *Lephelisca nemesis* (right side)

Row 3

4707 *Tachyris nero* v. *chelidon* f: *sufflava*
4700 *Neptis alwina*
4719 *Huphina eperia* v. *fora*
4702 *Heliconius amaryllis*
4697 *Apatura ilia* m.
4684 *Gonepteryx aspasia* m.
4729 *Mylothris agathina* m.
4711 *Saletara panda* v. *nivaria* f. (light form)

Row 4

4695 *Colias palaeno* v. *aias* m.
4696 *Colias palaeno* v. *aias* f.
4717 *Euptychia batesii* v. *analis*
4710 *Euptychia julia* m.
4693 *Ithomia cotytto*
4770 *Ragadia crisilda*
4713 *Favonius orientalis* f.
4720 *Chlosyne lacinia* v. *crocale* m.
4721 *Chlosyne lacinia* f.
4712 *Favonius orientalis* m.
4701 *Dynamine theseus*

Row 5

4686 *Sasakia charonda* f.
4739 *Morpho peleides* v. *montezuma*
4685 *Sasakia charonda* m.
4736 *Papilio ascalaphus* f.

Frame 122 continued

Row 6

4738 *Morpho granadensis* v. *lycanor* m.
4741 *Morpho peleides* v. *hyacinthus* m.
4740 *Morpho peleides* v. *hyacinthus* F: *crispitaenia* ♀
4694 *Rapala arata* (~~left~~ side)
4725 *Lycaena rubidus* f. (center)
4706 *Araragi entheum* (right side)
4728 *Strymon adela* m. (left side)
4714 *Favonius jozanus* (center)
4724 *Lycaena heteronea* m. (right side)
4726 *Lycaena xanthoides* m. (left side)
4698 *Favonius saphirinus* m. (center)
4772 *Strymon affinis* (right side)

(Note: The last nine specimens in this row are read
3 to each line in a vertical column ie* the 6th specimen
in the vertical row 6, would have 3 individual species
LH, C, RH all reading left to right...)

Row 7

4796 *Caligo memnon* v. *neleus* m.
4742 *Caligo atreus* v. *dionysos*
4797 *Caligo memnon* v. *navo* m.

Frame 123 (read vertically)

Row 1

4761 *Papilio albinus*
4800 *Caerois gerdrudtus*
4768 *Heliconius phyllis* v. *callycopis*
4734 *Papilio belus* v. *varus* F: *latinus* fem
4715 *Aranda schrenckii* v. *menalcas*
4689 *Argynnis sagana* v. *liane* fem.

Row 2

4756 *Euploea leucostictos* v. *leucogonys*
4763 *Hestia jasonia* v. *cadelli*
4762 *Papilio lampsacus* m.
4799 *Euryphanis polyxena* v. *lycomedon*
4731 *Papilio memnon* v. *agenor* f: *primigenius* male

Row 3

4755 *Lethe europe* v. *ragalva* m.
4795 *Delias timorensis* v. *gardineri* m.
4802 *Cyrestis maenalis*
4750 *Daptanoura lycimnia* v. *paula* m.
4753 *Catasticta semiramis* m.
4767 *Dismorphia lua* f.
4688 *Papilio triopas* v. *mithras*
4765 *Elymnias dara* m.
4792 *Delias hyparete* v. *niasana* m.

Row 4

4733 *Papilio phaon* v. *metaphaon* m.
4775 *Papilio agamemnon* (abberation)
4737 *Papilio aristodemus*
4778 *Heliconius doris* v. *aristomache*
4735 *Papilio protesilaus* v. *macrosilaus* m.
4782 *Pycina zamba*

Row 5

4758 *Elzunia regalis* v. *regalis*
4790 *Delias rosenbergii* v. *lorquini*
4759 *Elzunia bonplandi* v. *latreillei* m.
4793 *Delias zebuda* m.
4760 *Elzunia bonplandi* v. *descandollesi* m.
4789 *Delias oraia* m.
4764 *Elymnias agondas* v. *moranda* fem.

Row 6

4754 *Melanitis phedima* v. *sumati*
4794 *Delias crithoe*
4791 *Delias belisama* v. *aurantiaca* m.
4776 *Agraulis vanillae* f.
4732 *Papilio anchises* v. *orbignyanus* m.
4777 *Dryas phaetusa* f.
4787 *Pyrrhogyra neaerea* v. *arge*
4769 *Aranda epaminondas*

Row 7

4783 *Pareronia valeria* v. *persides* f.
4757 *Euploea niveata*
4774 *Ceratinia lurida* f.
4781 *Chlorippe griseldis* v. *linda* m.
4784 *Neope goschkevitschi* m.
4788 *Prioneris autothisbe* m.
4743 *Danais similis* v. *megaroides*
4780 *Leodonta dysoni* v. *zenobina*
4779 *Eunica alcmena* m.

Row 8

4749 *Danais melissa* v. *rufiventris*
4746 *Danais ismare* f.
4745 *Danais ismare* m.
4751 *Danais albata* m.
4798 *Ideopsis gaura*
4748 *Danais vitrina*
4747 *Danais cleona* v. *tigrana*
4786 *Ithomia ellara* v. *avella* f.

Frame 124 (read vertical)

Row 1

4752 *Philosamia cynthia* f.
4744 *Actias selene* f.

Row 2

4690 *Dictyoploca japonica* m.
4730 *Morpho hecuba*
4683 *Catocala fraxini*

Row 3

4691 *Dictyoploca japonica* f.
4681 *Philosamia cynthia* v. *pryeri* m.

Row 1

- 4825 Papilio sarpedon v. nipponum
4821 Limenitis populi v. ussuriensis m.
4823 Aranda epimenides
4810 Aporia hippia v. japonica
4809 Argynnis aglaja v. myonia

Row 2

- Nymphalis*
4828 ~~Vanessa~~ urticae v. connexa
4808 Polygonia interrogationis v. umbrosa m.
4824 Oeneis daisetsuzana male
4822 Xenica klugi
4830 Parnassius evermanni v. daisetsuzana m.
4832 Polygonia c-aureum fem.
4837 Pieris melete var.

Row 3

- 4817 Xenica lathoniella

Row 4

- 4807 Papilio helenus v. nicconcolens fem.
4831 Parnassius stubbendorffii v. hoenei m.
4804 Papilio woodfordi

Row 5

- #
4816 - Xenica kershawi

Row 6

- 4820 Boloria thore m.
4813 Brenthis ino v. tigroides
3188 Boloria iphigenia m.
4812 Limenitis camilla v. japonica
4814 Boloria freija v. asahidakeana m.
4818 Strymon echion fem.
4819 Strymon thius fem.
4829 Lycaena togakusii m.
4836 Neptis coenobita v. insularum

Row 7

- 4834 Papilio alcinous var. female
4835 Papilio protenor v. demetrius fem.
4833 Papilio xuthus v. xuthulus var.
4815 Aporia crataegi v. adherbal

Frame 126 (read vertically)

Row 1

4827 *Papilio macilentus* fem.
4838 *Herse convolvuli* ?? var.
4826 *Papilio macilentus* male

Row 2

4841 *Kentrochrysalis consimilis*
4843 *Theretra nessus* fem.
4839 *Theretra japonica*
4811 *Citheronia sepulcharis*

Row 3

4806 *Citheronia regalis* fem.
4842 *Acosmeryx naga*
4846 *Theretra oldenlandiae*

Row 4

4845 *Rhagastis mongoliana*?
4844 *Oxyambulyx tatorinovi*
4805 *Actias selene* male var.

Row 5

4801 *Morpho deidamia* male
4840 *Pachysphinx gaschkewetschi* fem.
4803 *Morpho menelaus* male

Row 1

4925 *Serincinus telamon* v. *koreana* m.
4898 *Timelaea maculata* v. *formosana*
4926 *Actinote demonica* m.
4927 *Erebia magdalena* m.
4893 *Hesperocharis erota*
4921 *Eurema candida* v. *woodfordi*

Row 2

4847 *Papilio troilus* v. *ilioneus*
4923 *Papilio podalirius* v. *feisthameli*
4920 *Precis orithya* v. *madagascariensis*
4851 *Speyeria diana* male

Row 3

4919 *Papilio weiskei*
4924 *Papilio maraho* (v. rare)
4849 *Papilio glaucus* v. *australis*

Row 4

4922 *Morpho achillaena* v. *violaceans*
4850 *Stichopthalma howqua* v. *formosana*
4853 *Speyeria diana* fem.

Row 5

4902 *Parnassius evermanni* v. *daisetsuzana* fem.
2213 *Argynnis paphia* v. *geisha*
4928 *Parnassius mnemosyne* v. *hungarica*
4848 *Argynnis laodice* v. *japonica*
4929 *Pteronymia denticulata* v. *dispaena*
4852 *Asterocampa clyton* fem.

Frame 128

(read rows vertically - top to bottom)

Row 1

4878 *Euploea leucostictes* v. *hobsoni*
4859 *Hebomia glaucippe* v. *fermosana*
4868 *Eriboea narcaea* v. *maghaduta*

Row 2

4856 *Papilio herishanus* m.
4857 *Papilio herishanus* f.
4854 *Papilio aeacus* v. *kaguya* fem.

Row 3

4858 *Papilio aristolechia* v. *interpositus*
4855 *Papilio polytes* v. *mandane* f.
4860 *Papilio eurous* v. *asakurae*

Row 1

- 4879 *Nymphalis xanthomelas*
- 4880 *Polygonia C-Album* v. *lunigera*
- 4872 *Sephisa dichroa* v. *daimio*
- 4877 *Cyrestis thyodamas* v. *formosana*
- 4881 *Ergolis ariadne* v. *pallidior*

Row 2

- 4861 *Prioneris thestylis* v. *formosana*
- 4862 *Melanitis phedima* v. *oitensis*
- 4882 *Pantoporia cama* v. *zeroastres*
- 4888 *Metaperia agathon* v. *moltrechtii*

*

Row 3

- 4884 *Satarupa sinica* v. *moorei*?
- 4867 *Eurema laeta*
- 4887 *Celaenorrhinus* sp.??
- 4874 *Coenonympha here* v. *neoperseus*
- 4875 *Japanica lutea* m.
- 4889 *Japanica lutea* f.

Row 4

- 4886 *Arhopa japonica*
- 4870 *Symbrenthia hippoclus* v. *formosanus*
- 4885 *Neozephyrus coruscans* var?
- 4869 *Symbrenthia brabira* v. *scatina*
- 4876 *Zephyrus enthea*
- 4864 *Eurema libythea*

Row 5

- 4865 *Delias aglaia* v. *curasena*
- 4863 *Tachyris indra* v. *aristoxemus*
- 4873 *Parage achine* v. *achinides*
- 4871 *Delias hyparete* v. *peirene*
- 4883 *Pantoporia sulpitia* v. *tricula*
- 4866 *Pieris canidia*

Row 1 (vertically)

4905 Papilio meyeri
4899 Papilio ~~perrhebus~~ v. damocrates fem.
4890 Nymphalis antiopa v. asopos
4901 Euthalia aeropus v. choirulus fem.

Row 2

~~4904 Hyalophora ceanothi***fem**~~
4911 Thais rumina var. (African form)
4916 Melanargia galathea v. lucasi female
4906 Lasaia agestis v. narses
4917 Melanargia galathea v. lucasi male
4918 Pyrrhogyra edocla v. maculata male
4892 Neptis ananta v. taiwana

Row 3

4904 Hyalophora ceanothi fem.
4900 Rothschildia erizaba fem.
4903 Hyalophora ceanothi male

Row 4

4914 Eueides cleobaea v. zorcaon fem.
4915 Eueides cleobaea v. zorcaon male
4896 Limenitis dudu v. jinamitra
4895 Heliconius bouqueti v. venusta
4897 Eucyane plagifera
4908 Catagramma sorana

Row 5

4894 Prepona chromus v. fassli
4907 Euploea mulciber v. barsine male
4891 Papilio bianor v. majalis
4910 Argynnis pandora v. sietzi

Row 1

4934 *Mormo peleides* v. (male)
 4933 *Saturnia atlantica*
 4936 *Papilio pilumnus*

Row 2

4943 *Wallengrenia otho* v. egerement
 4942 *Pyrgus centaureae*
 4947 *Erynnis juba* m.
 4945 *Polites sabuleti*
 4944 *Chaerophon rhesus*
 4950 *Lycaena glaucon*
 4949 *Chilades trochylus*
 4946 *Poanes yehl* fem.

Row 3

4935 *Phoebis avellenda* m.
 4948 *Papilio antenor*
 4938 *Hypolimnas salmacis*

Row 4

4930 *Eurybia lycisca*
 4931 *Anthocharis eupheno* m.
 4932 *Anthocharis eupheno* f.
 4913 *Dynamine tithia*
 4912 *Dynamine agacles*
 4909 *Thestor ballus* (fem)
 4940 *Lycaena arata* v. schellbacki
 4941 *Anthocharis charltonia*

Row 5

4939 *Hypolimnas salmacis* v. monteironis
 4937 *Clothilda numida* m.
 4951 *Serincinus telamon* v. koreana m.var.
 4952 *Serincinus telamon* v. koreana f.var.

Frame 132 (reading down in vertical rows)

Row 1

4968 Charaxes cithaeron male
4957 Charaxes violetta male
4995 Charaxes varanes var.
4971 Salamis parhassus v. aethiops male

Row 2

4969 Charaxes cithaeron fem.
4958 Charaxes violetta fem.
4989 Papilio chiansiades
4990 Papilio zoroastres v. homeyeri

Row 3

4966 Charaxes baumanni male
4967 Charaxes baumanni fem.
4970 Charaxes guderiana fem.
4982 Papilio polydorus v. queenslandicus fem.
4960 Papilio dardanus v. cenea male

Row 4

4987 Papilio ~~INXXXXXXXX~~ isidorus
4991 Papilio belus v. cochabamba
4959 Papilio dardanus v. hippocoonides fem.
4954 Euphaedra neophron female

Row 5

4984 Papilio celadon
4981 Papilio echeriodes male
4988 Papilio vertumnus v. yuracares
4980 Acraea igola male
4955 Catacroptera cloanthe v. obscurior male
4976 Acraea caldarena

Frame 133 (reading down in vertical rows)

Row 1

4983 Papilio memnon v. pryeri fem.
4993 Papilio protenor v. demetrius f: liukinensis male

Row 2

4992 Papilio febanus
4994 Papilio protenor v. demetrius F: liukinensis fem.

Row 3

4985 Papilio memnon v. thumbergi male
4986 Papilio memnon v. thumbergi fem.

Frame 134 (read in vertical rows)

Row 1

5004 *Morpho achilles* v. *pindarus* fem.
5008 *Morpho perseus* v. *crameri*
4999 *Morpho perseus* v. *metellus* fem.

Row 2

5001 *Morpho godarti* male
5002 *Morpho godarti* female
4963 *Euryphura achyls* male (bottom left)
4964 *Euryphura achyls* female (bottom right)

Row 3

5007 *Morpho catenarius* v. *marmarota* fem.
5003 *Morpho achilles* v. *pandarus* male
5006 *Morpho catenarius* v. *argentinus*

Frame 135 (read in vertical rows)

Row 1

5005 *Morpho patroclus* v. *theodorus*
4975 *Acraea terpsichore*
4953 *Morpho leontius* v. *popilius*

Row 2

4974 *Libythea labdaca* male
4973 *Hypolycaena ceres* v. *coeculus* male

Row 3

5000 *Morpho patroclus* v. *agamedes*
4962 *Teracolus antevippe* v. *gavisa* male
4998 *Morpho menelaus* v. *nestira* male

Row 4

4956 *Teracolus danae* v. *anae* male
4979 *Eurema brigitta* v. *zoe*

Row 5

4996 *Morpho patroclus* v. *phokylides* fem.
4977 *Morpho vitrea*
4997 *Morpho patroclus* v. *phokylides* male.

Frame 136 (read in vertical rows)

Row 1

5009 *Clanis undulosa*
5010 *Marumba sperchius*
4961 *Phyllosphingia dissimilis*
5011 *Oxyambulyx ochraea*
5012 *Psilogramma menephron* v. *increta*

Row 2

5013 *Langia nawai*
5014 *Clanis bilineata*
5015 *Marumba sperchius* v. *horishana*
5016 *Mimas tiliae* v. *christophi* (left side of row)
5017 *Oxyambulyx tatarinovi* v. *formosana* (rt side of row)
5018 *Pergesa elpenor* v. *lewisi*

Row 3

5019 *Acosmeryx castanaea*
5021 *Ambelophaga rubiginosa*
5020 *Parum colligata*
5022 *Marumba jankowskii*
5023 *Dolbina tancrei*
5024 *Catocala patala* v. *fumosa*?

Row 4

4965 *Catocala relictata*
5025 *Catocala patala*
5026 *Ephesia jonasii* v. *fumiplaga*
5027 *Ephesia praegnax*
5028 *Ephesia fulminea* v. *xarippe*
5029 *Ephesia actaea*
4972 *Pelopidas mathias* (l. side of row)
4978 *Gegenes hottentota* (r. side of row)

BIBLIOGRAPHY

- Lutz, F.E. 1935. "Fieldbook of Insects". G.P. Putnam's Sons
- Swain, Ralph B. 1948 "The Insect Guide" Doubleday & Co.
- Jaques, H.E. 1951 "How to Know the Beetles " Wm C. Brown Co, Iowa
- "Our Insect Friends & Foes & Spiders" 1935, National Geographic Society
- Compstock, J.H. 1940 "An Introduction to Entomology" Comstock Publ.
- Seitz, Adalbert (editor) "The Macrolepidoptera of the World" 1907-24
Fifteen Volumes Stuttgart, Germany
- Klots, Alexander B. 1951, "A Field Guide to the Butterflies" Houghton
Mifflin
- Clark, Austin H. 1932, "Butterflies of District of Columbia & Vic."
Smithsonian Inst. Bull. 16
- Holland, W. J. 1914, "The Moth Book" Doubleday, Page & Co. NY
- Holland, W. J. 1949 rev. edition, "The Butterfly Book" Doubleday,
- Howard, L. O. 1902 "The Insect Book" Doubleday, Page & Co. NY

In addition

- Monthly journals of the Lepidopterists Society, Osborn Zoological Laboratory
New Haven, Conn.
- Papers & proceedings of the Florida Entomological Society, Gainesville
- Entomological News & transactions of The American Entomological Society
Philadelphia, Pa.

** Note: It is acknowledged by most, that no publication has ever equal
in content and illustrations, the massive works (15 vol.) edited by Seitz
in Stuttgart, Germany in the 1900s. It is obsolete as to some taxonomy
and even some illustrations as are others done on this magnitude but it
still remains as the "Bible" of World faunal Lepidoptera. The Boston
Public Library has a partial set of this work.

